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R.B.DUNNING & CO.

BANGOR,

MAINE

Farm, Garden & Lawn

SEED

CATALOG

*Poultry, Dairy
Building
Supplies*

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U. S. Department of Agriculture.





Enjoy a Beautiful Green Velvety Lawn

The appearance of the House is made or marred by the condition of the lawn. In order to make the lawn a masterpiece of the outdoors, use only **QUALITY SEED** and maintain carefully.

DUNNING'S QUALITY LAWN GRASS SEED

This is a mixture of the different varieties of grass seed, which is best suited to this climate for lawns, grass plots, cemetery lots, etc., and selected with a view of suiting all soils and situations.

FOR BEST RESULTS it is necessary to have a rich, well drained soil, carefully prepared to make it fine, smooth and mellow. Seed may be sown in spring and up to fall at the rate of one pound to 200 square feet.

EVERGREEN LAWN MIXTURE

Price, 1 lb., 45c; 5 lbs., \$2.00

SHADY SPOT LAWN MIXTURE

Price, 1 lb., 50c; 5 lbs., \$2.25

FAIRWAY MIXTURE

Price, per lb., 30c; per 100 lbs., \$25.00

PUTTING GREEN MIXTURE

Price, per lb., 60c; per 100 lbs., \$50.00

We believe this variety is best adapted to our Maine climate.

BROCCOLI

SPECIAL ITALIAN-PROPAGENO

EARLY STRAIN. This is a very fancy strain of Italian Broccoli, having a main head, and smaller heads appearing after the main head has been removed. The Propageno strain is earlier than the Calabrese as usually sold, and produces larger heads, is a prolific yielder of the best quality. We are supplying this strain to very large growers with entire satisfaction. Pkt., 5c; oz., 50c.

RECLEANED GRASS SEEDS

FANCY RED TOP. A valuable grass for Lawn, Golf and Pasture mixtures.

KENTUCKY BLUE GRASS. Excellent variety for lawns when mixed with other grass seeds.

ASTORIA BENT. Ideal for lawns and putting greens; makes a fine turf and lasts well.

CANADA BLUE GRASS. A very hardy variety. Does not make as fine a sod as Kentucky Blue Grass, but will stand rougher usage.

NEW ZELAND CHEWINGS. Fescue valuable in lawn, golf link and pasture mixtures.

Ask or write for prices, giving quantity desired.

MAKE OUR STORE, 54 to 68 Broad St.

your headquarters when in Bangor. Our 110 Foot Front usually affords ample parking space, and Free all-day parking can be easily obtained three minutes walk from our store.

BUSINESS INSTRUCTIONS

In ordering goods please be particular to write your Name, Post Office and shipping destination very distinctly.

REMITTANCES can be made by Post Office Money Orders, Bank Drafts, Express Orders or cash sent by Registered Letter.

SHIPPING—In shipping we make no charge for delivery to railroads, steamers or express companies.

WE GUARANTEE safe delivery to the Railroads, Express Companies and Post Office. Our responsibility ceases on delivery of goods to the above carriers.

When ordering please state choice of Carrier; Parcel Post, Auto Express, Railway Express or Freight. If goods are damaged, so sign for them and enter claim with the carrier at once.

FREE DELIVERY OF SEEDS—We will send Postage Free all orders for Vegetable and Flower seeds in packets, ounces and quarter pounds at prices quoted in this Catalog.

SEE INDEX ON PAGE 62

NOTICE—We offer our seeds with the full assurance that they are true and reliable, quality being always our first consideration, but at the same time we wish it particularly understood that we do not warrant them, either expressed or implied, for the ultimate success of a crop is dependent on so many contingencies that we cannot hold ourselves liable or responsible for failure. If the purchaser does not accept the seeds on these conditions, they must be returned at once.

R. B. DUNNING & CO.

When ordering heavy seeds, such as Peas, Beans, Corn, Grain, etc., in larger quantities by parcel post; postage must be added to prices quoted in catalog, as per Parcel Post Rates given Below.

General Information Concerning the Parcel Post

SEEDS, IMPLEMENTS, and MERCHANDISE come under **FOURTH CLASS MATTER** and all take the same rates of Postage when sent by **PARCEL POST**.

FOURTH CLASS — PARCEL POST

Limit of weight for all zones, 70 pounds

Zone	First Pound	Additional Pound or Fraction
1 Up to 50 Miles	.08	.011
2 Up to 150 Miles	.08	.011
3 150 to 300 Miles	.09	.02
4 300 to 600 Miles	.10	.035
5 600 to 1000 Miles	.11	.053
6 1000 to 1400 Miles	.12	.07
7 1400 to 1800 Miles	.14	.09
8 Over 1800 Miles	.15	.11

RESTRICTIONS

Size Limit, 100 inches in Length and Girth combined. Eight ounces or less, 1½ cents for each 2 ounces, over 8 ounces considered one pound. Fractional pounds considered pounds.

Weight Limit, all zones, 70 pounds.

Selected Northern Grown Vegetable Seeds

ORDER EARLY:—Early buying is very much to the advantage of both the customer and the dealer. We would recommend sending in your order as soon as possible after receiving the catalogue, and thus avoid the rush of the planting season. Orders can be handled easier and much better than later. The customer gets his goods in much better condition, without delay, and consequently has them when they are needed.

Seeds sent by Mail, Express or Freight as the purchaser may wish. Seeds in packets and ounces mailed without extra charge for postage. When ordering by mail, add postage for beans, corn and peas. See Parcel Post rates on page 1.

Special to Market Gardeners

To market gardeners and users of seed in large quantities we quote special prices. When asking quotations please state the amount of seed which you desire.

Asparagus

Culture:—Asparagus seed may be sown directly in the permanent bed and the plants thinned as they grow; or it may be sown elsewhere, and the seedlings transplanted the second year. An ounce of seed will sow 60 feet of drill, and produce about 300 plants. Fair crops may be expected the third year.

CONOVER'S COLOSSAL. Widely cultivated; very large, deep green; tender stalks of good flavor; the roots are vigorous and productive. Pkt., 5c; Oz., 25c; ¼ lb., 75c.

For price on Asparagus Roots, see Vegetable Plants.



Burpee's Stringless Green Pod

Beans—Bush

GREEN PODDED

Culture. Plant in light, warm soil in the spring when danger from frost is past, in drills from 2 to 3 feet apart, covering about 2 inches deep. Sow every two weeks for a succession. Cultivate frequently until they blossom, but only when dry.

Two pounds will plant 100 feet of drill.

BURPEE'S STRINGLESS GREEN POD. Absolutely stringless, vigorous and productive. Round pod, large, meaty and very tender. ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 15 lbs., \$2.75.

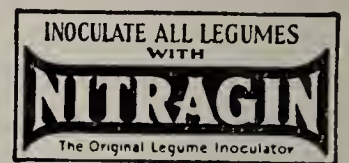
DWARF HORTICULTURAL. Pods are of medium length, slightly curved, and when nearly developed are freely splashed with bright red on the yellow skin. The green shell beans are of good size, tender, and of fine flavor. ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 15 lbs., \$2.75.

BOUNTIFUL. One of the most popular garden beans. Extra early and prolific, flat green pods, 6-7 inches long, very tender. ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 15 lbs., \$2.75.

LOW'S CHAMPION, OR DWARF RED CRANBERRY. Valuable as a "Snap" Bean or for shelling, either for home or the market. Large, long pods, flat and attractive. Quality good. Dry beans bright red. ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 15 lbs., \$2.75.

GIANT STRINGLESS GREEN POD. The finest green pod sort you can grow. Extremely early, absolutely stringless and of superior quality. Enormously productive. Pods round, straight and fleshy. Dry beans brown. ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 15 lbs., \$2.75.

Inoculate Beans



Beans—Bush

WAX PODDED

CURRIE'S RUST PROOF. Pods long, flat and straight. Very productive and rust-proof. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 15 lbs., \$2.75.

PENCIL POD—BLACK WAX. Pods are long and pencil like, tender, brittle, and stringless. Rich dark yellow in color, hardy and productive. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 15 lbs., \$2.75.

IMPROVED GOLDEN WAX. An early, hardy variety; flat, golden-yellow pods. Stringless. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 15 lbs., \$2.75.

DAVIS KIDNEY WAX. An early, large, flat, straight podded, stringless bean. The waxy white pods are crisp, tender and sweet. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 15 lbs., \$2.75.

BRITTLE WAX. An early and very productive variety. Pods are entirely stringless and of fine quality. Practically free from blight and rust. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 15 lbs., \$2.75.



Kentucky Wonder Beans

Beans—Pole

Two pounds will plant 150 hills.

HORTICULTURAL OR SPECKLED CRANBERRY. An old favorite, early and prolific; excellent quality either as a snap or shell bean or for cooking dry. Pkts., 10c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c.

KENTUCKY WONDER OR OLD HOMESTEAD. An excellent green podded variety; enormously productive, the long pods hanging down in great clusters along the entire vine; entirely stringless. Pkts., 10c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c.

KENTUCKY WONDER WAX. The best pole wax bean; it is similar in habit of growth to "Kentucky Wonder Green Pod." Pkts., 10c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c.

LAZY WIFE. Beans white; pods green, very thick, meaty, entirely stringless; very productive. Pkts., 10c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c.

SCARLET RUNNER. Very ornamental, free climber with bright scarlet flowers. Pkts., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c.

WHITE DUTCH RUNNERS. Large, white flowers; often planted with the scarlet variety; the effect is very beautiful. Pkts., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c.

Prices for beans in larger quantities quoted on application.

Field Beans

YELLOW EYE. An excellent field bean, very productive and popular for baking.

RED KIDNEY. An easily raised bean and a heavy yielder. Also greatly prized for baking.

PEA BEAN. Native grown. Preferred by those liking the small beans for baking.

WHITE KIDNEY BEAN. Good yielder. Almost free from rust. One of the best baking beans.

SULPHUR BEANS. Golden yellow, early and of fine quality.

SOLDIER BEAN. Similar in shape to the white kidney, but much larger, with brown markings. Heavy cropper and rust resisting.

IMPERIAL YELLOW EYE BEAN OR DOT EYE. Very productive. Preferred by some to the old fashioned yellow eye as a baking bean.

Prices on above on application.

All prices quoted in this catalogue subject to change without notice.



Detroit Dark Red Beet

Beets

One ounce to fifty feet of drill, six pounds to the acre.

The best results are obtained on a deep, rich, sandy loam. For early use sow as soon as the ground will admit, in drills fourteen inches apart, and thin to four inches. For the main crop sow the first week in May, and for winter use as late as June. In lifting and storing the roots care must be taken that they are not bruised.

EARLY WONDER. A fine early variety, the market gardener's favorite on account of its symmetrical form, dark color, small top and early maturity. Pkts., 5c; 1 Oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.00.

DETROIT DARK RED. The best beet for the market and home garden. Tops small, upright in growth. Root medium sized, globular or nearly round, very smooth, and of dark blood red color. Very desirable for bunching. Uniform in growth and unsurpassed in quality. Pkts., 5c; 1 Oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.00.

CROSBY'S EGYPTIAN. The roots are flattened, globe shaped and very smooth. Exterior color of root bright red. The flesh is bright vermilion red, zoned with a lighter shade, very sweet and tender. Pkts., 5c; 1 Oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.00.

CRIMSON GLOBE. Skin smooth and regular. Flesh a deep purplish crimson. Pkts., 5c; 1 Oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.00.

DEWING'S BLOOD TURNIP. Of fine form and flavor; blood red, medium early and a good keeper; a desirable variety. Pkts., 5c; 1 Oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.00.

EDMAND'S EARLY. A large sort for general crop. In quality one of the finest, exceedingly dark, shape globular, having one tap root. Pkts., 5c; 1 Oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.00.

Swiss Chard (grown for the leaves only)

LUCULLUS. A new moss curled sort, with very large leaves, and broad midribs. Very popular. Pkts., 5c; 1 Oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.00.

Mangel Wurzels

Splendid for cattle and poultry

Treat same as Table Beets, except the rows should be 24 to 36 inches apart. Sow 6 to 8 lbs. of seed per acre any time up to June 15th.

DANISH SLUDSTRUP. A reddish yellow variety that is considered very desirable because of its large percentage of nutriment. Of a distinct type, long, growing well above the ground and very hardy. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.

MAMMOTH LONG RED. The dark red roots are of enormous size with exceedingly small tops. They grow from one-half to two-thirds out of the ground. No other variety will produce as large a tonnage per acre. Oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 70c; 5 lbs., \$2.75.

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Mangel Wurzels

(Continued)

GOLDEN TANKARD. Recommended for dairymen on account of its milk-producing properties. The flesh is a rich golden yellow. Oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 70c; 5 lbs., \$2.75.

GIANT FEEDING SUGAR BEET OR HALF SUGAR MANGEL. A strain of beet very desirable for stock feeding, affording not only a very large crop much easier to harvest than other sorts, but also having a higher nutritive value, being especially rich in sugar. Roots light bronze green above ground, grayish white below with white flesh. Oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 70c; 5 lbs., \$2.75.

Brussels Sprouts

One ounce will produce 2,000 plants.

Cultivated for the small heads that grow from the main stem; these small heads are firm and compact like little cabbages, and are considered a great delicacy by many people. Cultivate the same as cabbage or cauliflower.

HALF DWARF PARIS MARKET. A most excellent variety and sure cropper. Tender and of fine flavor. Pkts., 5c; Oz., 40c.

Cabbage

One ounce will produce about 3,000 plants; four or five ounces per acre.

The Cabbage is one of the most important vegetables, and some of its varieties universally cultivated. The ground must be highly manured, deeply dug or plowed, and thoroughly worked, to insure good, full-sized heads; a heavy, moist and fresh loam is the most suitable. The early sorts should be sown very early in the spring, in hotbeds, or later in the open ground. Eighteen inches by three feet apart is the common distance.



Copenhagen Market Cabbage

EARLY JERSEY WAKEFIELD. A standard early variety for home use or market. Heads somewhat pointed. Pkts., 5c; 1 Oz., 25c; $\frac{1}{4}$ lb., 75c.

GLORY OF EUKHIEZEN. An excellent, medium early, short-stemmed foreign variety; heads round with very few outer leaves. For so early a variety the heads are extra large and very solid, also a good keeper. One of the most uniform and desirable varieties. Pkts., 5c; 1 Oz., 30c; $\frac{1}{4}$ lb., 80c.

COPENHAGEN MARKET. One of the best large, round head, early cabbages in cultivation, the type being thoroughly fixed and nearly all the heads maturing at the same time. The plant is short-stemmed; heads, set near the ground, are very solid, with a small core, and of fine quality. One of the very best early cabbages for market gardeners. Pkts., 5c; 1 Oz., 30c; $\frac{1}{4}$ lb., 90c.

GOLDEN ACRE. This remarkable Cabbage has already proved itself to be a most profitable extra early for the market. It is two weeks ahead of any other round-headed sort. Being of small, compact habit, it allows of close planting, yet the heads are so uniformly large as to be in great demand. Pkts., 5c; Oz., 35c; $\frac{1}{4}$ lb., \$1.20.

FOTTLER'S IMPROVED BRUNSWICK. An excellent medium early drumhead variety. Pkts., 5c; Oz., 25c; $\frac{1}{4}$ lb., 75c.

SURE HEAD. Produces large, round, flattened heads of the Flat Dutch type, and is remarkable for its certainty to head. It is all head and sure to head even under unfavorable conditions. The heads are remarkably uniform, very hard, firm and fine in texture, and ordinarily weigh from 10 to 15 pounds each. Has but few leaves, keeps well. A good shipper, and just the variety to suit market gardeners and farmers. Pkts., 5c; Oz., 25c; $\frac{1}{4}$ lb., 75c.

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Cabbage

(Continued)

MAMMOTH ROCK RED. Heads are large, round, very solid and deep red in color. Pkts., 5c; Oz., 35c; $\frac{1}{4}$ lb., \$1.00.

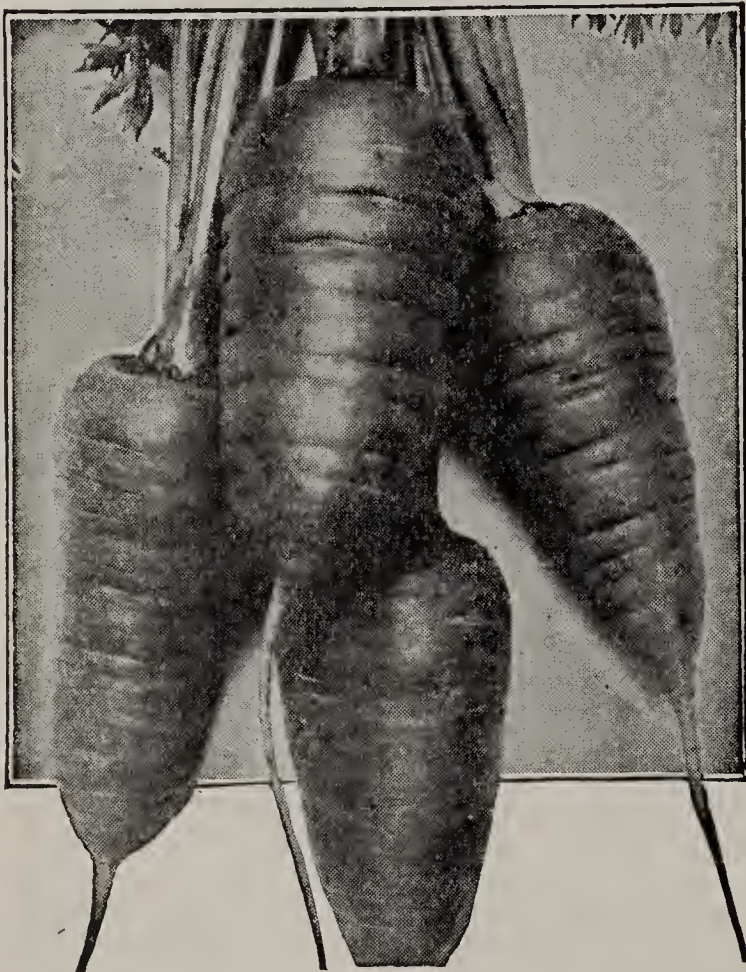
DANISH BALL HEAD. Short stemmed. An extremely hardy imported cabbage, one of the best winter sorts. It is a very sure header, very solid and heavy, an extra good keeper. Pkts., 5c; Oz., 30c; $\frac{1}{4}$ lb., 90c.

DANISH BALL HEAD. Cape Elizabeth, Maine, grown. A valuable, round, solid, winter variety. It is of excellent quality and a long keeper, keeping long after other varieties have gone. Very profitable for shipping. Pkts., 5c; $\frac{1}{2}$ Oz., 35c; Oz., 60c; $\frac{1}{4}$ lb., \$2.00.

Carrots

One ounce to 100 feet of drill; 3 to 4 pounds to the acre.

Carrots do best in light sandy soil, richly manured and deeply pulverized. For early crops sow as soon as the ground can be worked. For late crops sow in late May to July. For field culture plant in rows three feet apart so as to cultivate with horse or in drills fifteen inches apart to cultivate by hand. Cover $\frac{1}{2}$ inch deep and thin to 4 inches.



Danvers Half Long Carrot

CHANTENAY RED CORED. An improved Chantenay, valuable for market gardeners and shipping. Roots similar to Chantenay with reddish orange flesh and an indistinct core of nearly the same color as the flesh; tender and sweet. Pkts., 5c; Oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

DANVERS HALF LONG. In form it is midway between the Long Orange and Ox Heart. The root is of a dark orange color and grows very smooth. Very productive. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

LONG ORANGE. Large roots, heavy cropper and excellent keeper. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

NEW OX HEART. A very early and heavy yielder. Thick and short in form, bright orange in color. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

LONG WHITE BELGIAN. Large, long rooted variety; valuable for feeding stock. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

Cauliflower

Any soil that will grow cabbages will grow cauliflower, as their requirements are almost similar, but as the product is more valuable, extra manuring and preparation of the soil will be well repaid. The seeds may be sown in the hotbed in March or April, and transplanted to open ground about the first of May.

One ounce will produce about 2,500 plants.

Cauliflower Plants ready about May 15.

HENDERSON'S EARLY SNOWBALL. One of the best early sorts. Very reliable and grown largely for the market. Pkt., 5c; Oz., \$2.00.

All prices quoted in this catalogue subject to change without notice.

Celery

Culture:—Sow seeds in hotbed or very early in open ground, being a slow germinating seed, soil should be kept moist. As soon as plants are 3 inches high, transplant in beds 4 inches apart. When grown 6 inches high, transplant in richly manured deep soil, 6 to 8 inches apart, in 3-foot rows. Celery requires the most careful cultivation and plenty of water. To blanch, earth up gradually, or band carefully with paper or boards.

BOSTON MARKET. A favorite variety, remarkable for its tender, crisp, succulent stems; keeps well. Pkt., 5c; ½ Oz., 30c; Oz., 50c.

HENDERSON'S WHITE PLUME. Crisp, solid and possessing a sweet, nutty flavor; requires very little labor in blanching. Pkt., 5c; ½ Oz., 30c; Oz., 50c.

GOLDEN SELF-BLANCHING. A self-blanching early golden colored variety that is very popular. Pkt., 5c; ½ Oz., 40c; Oz., 75c.

GOLDEN PLUME OR WONDERFUL. The popular and leading variety for earliness, size, and exceptional crispness. Considered by authorities to be the best golden self-blanching celery produced. Pkt., 5c; ½ Oz., 40c; Oz., 75c.



Corn—Sweet

One pound to 125 hills, 18 pounds to an acre.

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before the middle of May and for a succession continue planting every two weeks, until July, in rich, well-manured ground, in hills three feet apart each way, covering about one inch and thin out to three plants to a hill, or plant in rows four feet apart, and to stand eight inches apart in rows.

When ordering Corn sent by mail add postage as shown on page 1.

AROOSTOOK EARLY. This is a very early variety of sweet corn that originated in Aroostook County, Maine, after many years of careful growth and selection. Stalks from 3½ to 4½ feet high, owing to the condition of the soil, with small white ears from five to six inches long, is of excellent quality. Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 55c; 12 lbs., \$3.00.

GOLDEN BANTAM SWEET CORN. This corn has a medium-sized ear of a bright golden color. It is extremely sweet, of delicious flavor and unusually tender. Stalks grow about five feet, are very vigorous, bearing two to three well-filled ears. It matures earlier than Early Crosby. Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs. 45c; 12 lbs., \$2.50.

GOLDEN SUNSHINE. Matures ten days ahead of Golden Bantam. The ears are about 6 inches long, with 12 rows of large, sweet kernels. Invaluable for extra-early use. Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 12 lbs., \$2.50.

WHITE CORY. A very early dwarf variety, an excellent sort, sweet and good flavor. Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 12 lbs., \$2.50.

EARLY CROSBY. Not so early as the Cory or Aroostook Early, of very rich, sugary flavor. Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 12 lbs., \$2.50.

(NEW) GOLDEN GEM OR NUGGET. A new variety introduced by the North Dakota Experiment Station. The earliest yellow variety; very dwarf with a rather small ear. Stalks frequently bear 2, eight-rowed long ears with deep, yellow exceptionally sweet kernels. Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 12 lbs., \$2.50.

BLACK MEXICAN. Grain bluish black, but is especially rich in sugar qualities. Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 12 lbs., \$2.50.

Golden Bantam Sweet Corn

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CORN—Field and Ensilage



Extra Early Yellow Canada

EXTRA EARLY YELLOW CANADA. This corn is Maine grown and is the earliest yellow variety we know. It matures in about eighty-five days and the ears are long with small cob filled to the tip with large kernels. We recommend this corn highly for Grain or Ensilage.

DUNCO SWEEPSTAKES SEED CORN. Our Sweepstakes Seed Corn is grown and put up under the most careful inspection and supervision at all times. This corn grows from 12 to 15 feet, producing maximum tonnage and food value. It has quality and is dependable. Write for prices.

EARLY WHITE SANFORD. A white flint variety, very valuable for ensilage and fodder, the stalks being very large and numerous. Particularly adapted to this climate as it ears well and if planted early, will come to maturity. Write for prices.

IMPROVED LEAMING. An early, yellow dent variety. Very productive. One of the best for ensilage or green fodder. Write for prices.

SWEET FODDER. For cutting green and feeding to stock this variety excels all others in tenderness, sweetness and nutriment. Write for prices.

Dunco Crow Repellant

Corn crop insurance against crows. Repels crows, keeps seed from rotting. One pint treats two bushels of corn. Pint can, 35c, postpaid 45c; Quart can, 60c; postpaid 75c.

Cress or Pepper Grass

One ounce will sow 100 feet of drill.

A well known salad. Requires to be sown thickly and covered very slightly. Sow at frequent intervals to keep up a succession, as it soon runs to seed.

DOUBLE CURLED. Very fine; may be cut two or three times. Pkt., 5c; Oz., 25c.



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Cucumber

One ounce to fifty hills.

The Cucumber is a tender annual, and therefore should not be planted or set out in the open air until there is a prospect of continued warm and pleasant weather. Cucumbers succeed in warm, moist, rich, loamy ground. The hills should be four or five feet apart in each direction.

When all danger from insects is past, leave but three or four of the strongest plants in the hill.

JAPANESE CLIMBING. A distinct and valuable variety, quickly climbing poles or trellis, taking up less room in the garden and keeping fruit up from the ground and clean. It produces very long, round, crisp fruit of fine flavor and is very prolific. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

NICHOLS' MEDIUM GREEN. This is a very fine table variety, and also good for early forcing. Color dark green; flesh very crisp; very prolific and always straight, smooth and handsome. It also makes a very desirable sort for pickles. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

GIANT PERA. A very large variety of exceptional quality with smooth, thin, light green skin. The flesh is unusually thick with very few seeds. They are crisp, brittle and of extremely mild flavor. They frequently grow from twelve to fifteen inches in length under good cultivation. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

EARLY RUSSIAN. The earliest variety. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

IMPROVED WHITE SPINE. Superior for table use, very productive, medium sized, straight and well formed. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

EARLY FRAME. An early standard variety; about five inches long. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

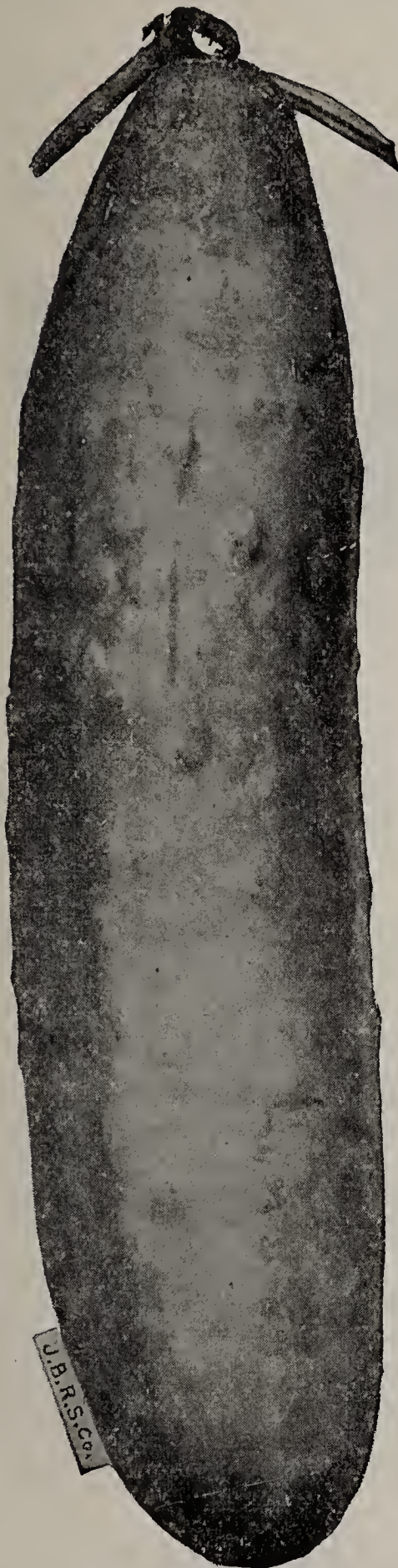
EARLY FORTUNE. The finest type of White Spine yet produced. Early, very productive and disease-resistant; fruit long and slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich dark green which it holds long after picking. Pkt., 5c., Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

EARLY GREEN CLUSTER. Grows in clusters, early and productive. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

IMPROVED LONG GREEN. Long and crisp; a popular and reliable variety for pickles. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

BOSTON PICKLING. The finest variety to grow for pickles. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

DAVIS PERFECT. A new variety, which is considered to be one of the very best cucumbers ever introduced. A very heavy cropper of a rich dark green color, medium long and slim with very few seeds, tender, crisp and good flavor. Its extremely vigorous growth makes it the best blight resister of the long sorts. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.



Long Green Cucumber

Dandelion

One ounce to 100 feet of drill.

The Dandelion resembles Endive and affords one of the earliest, as well as one of the most healthful, of spring greens. Sow as early as the weather will permit, in good, well enriched soil, in rows twelve inches apart, covering seed one-fourth of an inch deep, the earth firmly pressed over the seed. A hardy perennial.

IMPROVED THICK-LEAVED. Best variety. Not bitter. Pkt., 5c; Oz., 45c; $\frac{1}{4}$ lb., \$1.50.

COMMON. Low growing type. Pkt., 5c; Oz., 25c; $\frac{1}{4}$ lb., 75c.



Endive

One ounce to 150 feet of drill.

May be grown at any season, but is more generally used late in the fall. Sow during May or June, in drills fourteen inches apart, and when well established, thin to one foot apart. When nearly full grown, tie the outer leaves together over the center in order to blanch the heart of the plant.



New York or Wonderful

March, and transplant into a sheltered border with a southern exposure. For successive crops, sowings may be made in the open ground as early as the spring opens, and continuing until July. The more rapid the growth the better the quality. Lettuce should always be transplanted in order to make it head well.

EARLY TENNISBALL. Black seeded. A very popular sort for open ground culture; forms a handsome head and is crisp and tender. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c.

BOSTON CURLED. A variety of great beauty and of superior quality. Leaves beautifully curled; attractive on table. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c.

GREEN CURLED. This is the hardiest variety, and very desirable for the home and market garden. The deep green leaves are beautifully cut and curled, easily blanched, and become very crisp, tender and fine flavored. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 45c.

BROAD-LEAVED BATAVIAN. Variety having wide thick leaves, straight at the edges and curved toward the center. Color, dull green. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 45c.

Lettuce

One ounce to 120 feet of drill.

Lettuce thrives best in rich, moist ground. Sow the seed in hotbeds in February or

Lettuce

(Continued)

GRAND RAPIDS. Large and tender. Leaves are crumpled and do not make a solid head. Excellent for forcing. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c.

ICEBERG. A large-heading variety; crisp and brittle, color light green, lightly tinged with brown on top of the head; leaves curled on the edges. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c.

NEW YORK OR WONDERFUL. This is one of the best summer lettuces. It resists the hot weather, is very slow to run to seed, and is a sure header under the most trying conditions. The outer leaves are of a green color, the inner ones blanch to creamy-white; crisp, tender, delicious and sweet. The heads often measure fifteen inches. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c.

IMPROVED HANSON. Forms very large, firm heads, which are deliciously sweet, crisp and tender; heads green outside and white within. For outdoor culture unexcelled. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c.

EARLY PRIZE HEAD. Forms a large, tender and crisp mass of leaves of superior flavor and very hardy. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c.

BIG BOSTON. This is a new, very large strain of White Tennisball or Boston Lettuce, excelling all other strains in size; of great value to market gardeners. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c.

WHITE PARIS COS. (Romaine). Long, narrow, upright leaves. Grows to large size. Does not head, but when tied up blanches very readily. Pkt., 5c; Oz., 20c; $\frac{1}{4}$ lb., 50c.

Leek

One ounce of seed will sow 100 feet of drill.

Belongs to the onion family and by some preferred to that vegetable. Sow the seeds and care for the young plants same as for onions, but they need a little more room in order to develop fully. When the young plants are about the size of a goose-quill, transplant to a prepared bed in rows one foot apart and four or five inches in the row. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use.

LONDON FLAG. It is the variety more cultivated in this country than any other. It is hardy and of good quality. Pkt., 5c; Oz., 25c; $\frac{1}{4}$ lb., 75c.

Musk Melon

Culture. Melons succeed best in light, sandy rich soil. After all danger of frost is past plant in hills 4 to 6 feet apart each way, six to ten seeds to a hill. When about 3 inches high and all danger from insects is past thin out to 3 or 4 plants to a hill.

One ounce to 60 hills; two to three pounds to an acre.

(NEW) HALE'S BEST. A remarkably early shipping melon producing oval fruits, 6 inches by 4 $\frac{1}{2}$ inches, heavily netted. Flesh deep salmon color, very thick, succulent and sweet. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 45c.



Muskmelon—Extra Early Hackensack

All prices quoted in this catalogue subject to change without notice.

Melon

(Continued)

LARGE, ROUND, YELLOW CANTALOUPE. Flesh reddish orange, sweet and of good flavor; an early and productive variety. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 45c.

MILLER'S CREAM. This is one of the finest all-round melons in existence. Flesh of a rich salmon color, very sweet and melting in quality. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 45c.

EXTRA EARLY HACKENSACK. A green-fleshed nutmeg of splendid quality. It is very early and a prolific bearer. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 45c.

Melon—Water

One ounce for thirty hills; four to five pounds for an acre.

Plant in hills eight feet apart, and cultivate same as Musk Melon.

VICK'S EARLY. Productive, early and finely flavored; red flesh. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 40c.

MOUNTAIN SWEET. One of the best for general culture. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 40c.

CITRON. The standard variety for preserves. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 40c.

Mustard

One ounce to 100 feet of drill.

Sow thickly in rows at different times from May to July, and cut when about two inches high. Used as a salad or cut and boiled for greens. The seed is used for flavoring pickles, etc.

WHITE LONDON. The leaves are light green, mild and tender when young; seed light yellow. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 75c.

MUSTARD SEED for pickling. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

Onion

One ounce to 100 feet of drill; five pounds to acre.

No vegetable is more extensively known and cultivated than the Onion. A good crop is impossible unless the soil is very rich and kept clean. Use well-rotted manure freely, and get the crop in as early as possible in spring, no matter if the weather is cold and unpleasant. Sow in drills one foot apart and cover about one-third of an inch, treading or rolling, after sowing, so that the hot, dry atmosphere may not dry up and destroy the sprouting seed.

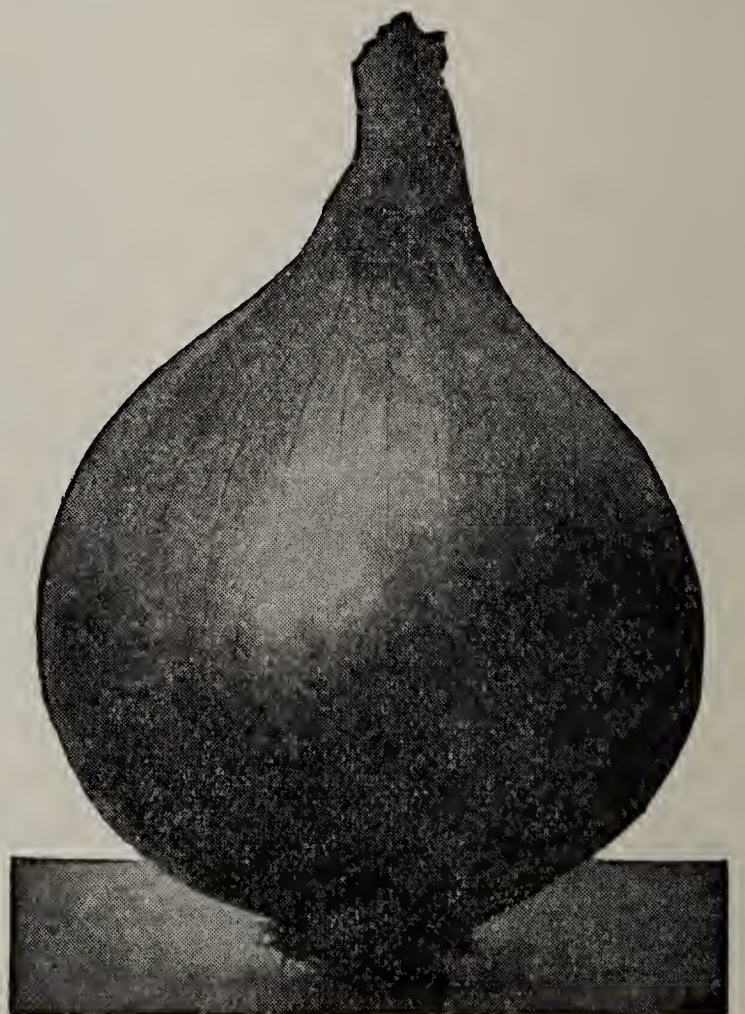
LARGE RED WETHERSFIELD. Large size, productive and good keeper. Pkt., 5c; Oz., 35c; $\frac{1}{4}$ lb., \$1.00.

EXTRA EARLY RED GLOBE. A very early variety of medium size and deep red. Pkt., 5c; Oz., 35c; $\frac{1}{4}$ lb., \$1.00.

YELLOW GLOBE DANVERS. The most profitable variety to raise, very productive, a good keeper, of mild flavor, and always meets with ready sale. Pkt., 5c; Oz., 30c; $\frac{1}{4}$ lb., 90c.

AMERICAN SILVER SKIN. Flavor mild and pleasant. Skin silver white. Handsome in appearance. Highly esteemed for pickling when young, also for market in early winter. Pkt., 5c; Oz., 25c; $\frac{1}{4}$ lb., 75c.

PRIZE TAKER. This is one of the best of the huge foreign varieties. When started under glass and transplanted into open ground, they bottom well, are nearly free from stiff neck, and when offered for sale always attract marked attention. The variety is without doubt the largest onion grown, samples under special culture sometimes weighing five pounds. Pkt., 5c; Oz., 25c; $\frac{1}{4}$ lb., 75c.



Yellow Globe Danvers

Onion

(Continued)

YELLOW GLOBE DANVERS—EXTRA CHOICE SEED. Grown from bulbs carefully selected as to shape and general appearance. It is the best seed obtainable and is sure to produce a good crop. The most profitable variety for the market gardener. Pkt., 5c; Oz., 35c; ¼ lb., \$1.00.



Onion Sets should be planted near the surface as early in the spring as the ground will permit, in drills about twelve inches apart and four inches in the rows. They produce a very early and profitable crop.

Onion Sets by mail, see Parcel Post rates on page 1.

	Per lb.	Per 8 lbs.
White Sets	25c	\$1.65
Potato Onion Sets	25c	1.65
Yellow Sets	25c	1.65

For larger quantities prices will be given on application.

Parsley

One ounce to 150 feet of drill.

Parsley requires rich, mellow soil; sow thickly in drills, one foot apart, and half an inch deep. As the seed germinates slowly, it is best to soak it for a few hours in tepid water before sowing. For winter use, protect it in a glass frame or light cellar.

DOUBLE CURLED. Pkt., 5c; Oz., 15c; ¼ lb., 35c.

Parsnip

One ounce for 250 feet of drill; 5 pounds to acre.

Sow as early in the spring as the weather will admit, in drills 15 inches apart, covering half an inch deep; when well up thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required.

ABBOTT'S IMPROVED, OR LONG SMOOTH. Smooth and quite large; one of the best. Pkt., 5c; Oz., 15c; ¼ lb., 45c; lb., \$1.25.

IMPROVED HOLLOW CROWN. Roots medium length with small tap root. Very smooth, with clear white skin. Fine grain flesh, of excellent sugary flavor, and heavy cropper. Pkt., 5c; Oz., 15c; ¼ lb., 45c; lb., \$1.25.

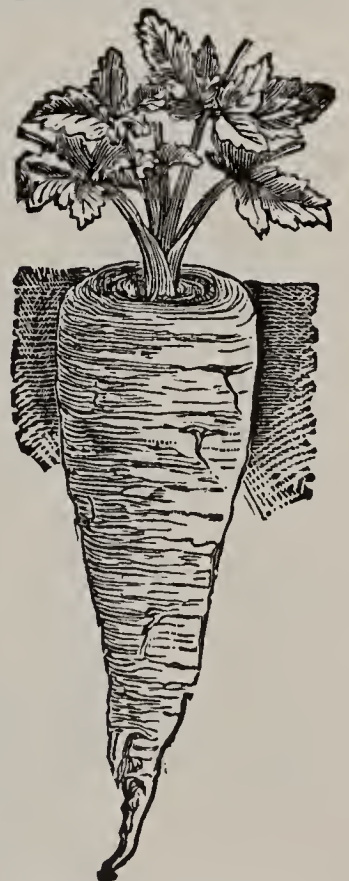
Peas

Two pounds to 80 feet of drill; 100 pounds to the acre.

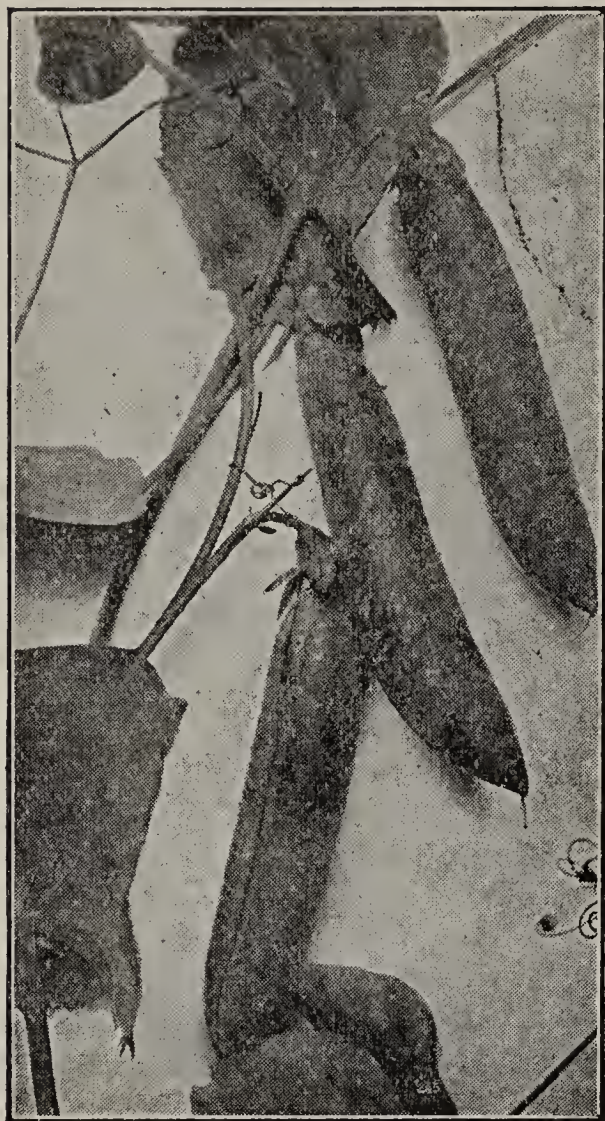
Peas for an early crop should be sown as soon as the ground is in working condition. The soil for their reception should be light, dry, and well sheltered. Mild manure, such as leaf mould, has a beneficial effect; but for many of the varieties, the soil cannot be too rich. For general crop the ground should be well manured the previous year, which causes them to yield more abundantly. When grown as a market crop, peas are never staked, and are sown in single rows two or three inches deep, and from two to three feet apart, according to the variety or strength of the soil. When grown in small quantities for private use, they are generally sown in double rows, six or eight inches apart, and the tall varieties staked up by brush or poultry netting. If the poultry netting is taken up as soon as the peas are picked it will last many years.

When ordering Peas sent by mail, see Parcel Post instructions on page 1.

All prices quoted in this catalogue subject to change without notice.



Abbott's Improved Parsnip



Laxton's Progress

Extra Early Varieties

WORLD'S RECORD. A popular large-podded, extra early wrinkled pea which matures a little earlier than the well-known Gradus. Its growth is very similar to that of Gradus, but somewhat more dwarfed and stouter; pods uniformly large, measuring from four and one-half to five inches, nearly round and packed with extra large, handsome peas of the finest flavor. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$2.75.

EARLY MORN. This pea is a new variety, very similar in growth to Gradus, but a trifle earlier than either Gradus or Thomas Laxton. Very large pods of fine appearance and a good cropper. Excellent market garden variety for early use. Peas are large and of excellent quality. It grows about three feet high and is very prolific. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$2.75.

"BLUE BANTAM." An extra early variety of the finest quality. Height 18 inches. Length of pod 4 to 4 $\frac{1}{2}$ inches. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$2.75.

GRADUS, OR PROSPERITY. One of the earliest and most popular of the large-podded, wrinkled peas; vines vigorous, bearing large pods from 4 to 4 $\frac{1}{2}$ inches in length, filled with large peas of the finest quality and delicious flavor; height 3 feet. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$2.75.

THOMAS LAXTON. Similar to Gradus, but more prolific. The pods are long, straight, with square ends, and contain 7 or 8 peas of the finest flavor; hardy and productive; height 3 feet. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$2.75.

LAXTON'S PROGRESS. The largest podded and most attractive early dwarf variety. Vine 18 inches tall, pods 5 inches long, containing 7 to 9 large peas of excellent quality. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$2.75.

LAXTONIAN. One of the most remarkable varieties yet introduced; very dwarf, growing 18 inches high, pods 4 $\frac{1}{2}$ inches long, containing peas of fine flavor. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$2.75.

NOTT'S EXCELSIOR. A splendid early sort; pods are always well filled with large peas of delicious flavor. Height 15 inches. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$2.75.

SUTTON'S EXCELSIOR. As early as Nott's Excelsior, with much larger pods, a large cropper and of rich flavor; height 1 $\frac{1}{2}$ feet. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$2.75.

Second Early

DWARF TELEPHONE (CARTER'S DAISY). Similar to the Tall Telephone, bearing heavy pods, about 4 $\frac{1}{2}$ inches long; height 2 feet. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$2.75.

General Crop

IMPROVED TELEPHONE. An improvement on Carter's Telephone for purity and uniformity of habits, bearing in great abundance large, dark green pods, containing peas of fine flavor; height 4 feet. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$2.75.

All prices quoted in this catalogue subject to change without notice.

General Crop

(Continued)

ADMIRAL DEWEY. The vines are of vigorous growth; the pods are always of good size well filled with peas of the highest quality; specially recommended for the home garden and market growing; height 4 feet. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$2.75.

ALDERMAN. A handsome large podded variety of the Telephone type. Pods $4\frac{1}{2}$ to $5\frac{1}{2}$ inches long, broad, pointed, dark green containing 8 to 10 light green peas of highest quality. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$2.75.

DUKE OF ALBANY, OR AMERICAN CHAMPION. One of the best large podded late varieties. Very prolific. The vines are strong and vigorous, growing to the height of four feet. The pods are large, dark green and well filled with large, tender peas of delicious flavor. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$2.75.

Edible Podded Varieties

MAMMOTH MELTING SUGAR. (Edible Pods). Pods very large, broad and slightly curved, or twisted. Very sweet, brittle and tender, having none of the tough inner lining found in the ordinary varieties of garden peas. They are used same as snap or string beans. Height about 4 feet. $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$2.75.



YOUR GARDEN PEAS, BEANS AND SWEET PEAS

need more than sun and water

Produces bigger
and better quality
crops

INOCULATE! Before planting, apply a fresh bacteria fertilizer to the seed. One can enough for from 1 ounce to 8 pounds seed. Price 25c; $\frac{1}{2}$ Bu. size, 35c; Bu. size, 65c.

Field Varieties

WHITE MARROWFAT. One of the best late varieties; very productive. 15 lbs., \$2.50.; 100 lbs., \$15.00.

BLACK-EYED MARROWFAT. Excellent, hardy, productive field pea. 15 lbs., \$2.50; 100 lbs., \$15.00.

CANADA FIELD. Extensively used for field culture. 15 lbs., \$1.40; 100 lbs., \$8.00.

Pepper

Grown largely for pickles. Sow in hotbeds early in April and transplant to the open ground when the weather is warm and settled. The rows should be two feet apart and the plants fifteen inches apart in the rows. Rich, warm, mellow soil.

One ounce of seed will produce about 2,000 plants.

LARGE BELL (Sweet). Large and mild flavor; ripens bright red. Used for stuffed peppers. Pkt., 5c; Oz., 40c.

Potatoes (Maine Grown)

10 to 12 bushels, or about 4 barrels, sufficient for one acre. One peck will plant 75 hills.

Prices quoted on application.

IRISH COBBLER. (Selected). One of the most reliable of the early varieties. Cream-white color, vigorous grower, ripens uniformly and a good keeper. Considering its earliness, yield, fine quality and handsome appearance, Irish Cobbler is one of the best of all early potatoes. Write for prices.



Harmony Beauty Potatoes

All prices quoted in this catalogue subject to change without notice.

Potatoes (Maine Grown)

(Continued)

HARMONY BEAUTY. (Selected). This potato originated from the seed of a potato ball in Somerset county, Maine. It is a prolific cropper and remarkably free from rot. In appearance it has a russet pinkish skin, a little lighter in color than the Early Rose, and is of more oval shape. Flesh white and mealy. Medium early. Write for prices.

IMPROVED GREEN MOUNTAIN. (Selected). Improved by careful selection of seed. In season it is medium; one of the best yielders and keeps well; color white, form round or oval, smooth skinned and a heavy yielder. Write for prices.

GOLD COIN. A very hardy, all-around general crop potato. White-skinned with slight russet appearance, flesh white and mealy. In form it is very regular, of a round, oval shape. As a table potato it cannot be excelled. Write for prices.

CONTROL DISEASES — Increase Stand and Yield by using the dip disinfectant **SEMESAN BEL.** 4 Oz. can, 50c; 1 lb. can, \$1.65; 5 lb. can, \$7.00; 25 lb. pail, \$31.25. 1 Oz. to 5 Bu. seed.



Connecticut Field Pumpkin

Pumpkin

Same cultivation as for cucumbers and melons.

One ounce for 20 to 25 hills; 3 pounds for an acre.

CONNECTICUT FIELD. Large size; used for stock, good for cooking. Pkt., 5c; Oz., 15c; ¼ lb., 30c; lb., 80c.

SMALL SUGAR. Also called New England Pie Pumpkin. It is small, but has the right flavor for the best pies. The skin is a deep orange color, the flesh deep yellow. Pkt., 5c; Oz., 15c; ¼ lb., 35c; lb., \$1.25.

KING OF THE MAMMOTH. The best mammoth pumpkin, flesh is a golden-yellow, a splendid keeper and valuable for stock feeding. Pkt., 5c; Oz., 15c; ¼ lb., 35c; lb., \$1.25.

Radish

Culture. The seeds should be sown in light, rich, sandy loam. For an early supply, sow in a hotbed in rows 4 inches apart. Sow in the open ground in rows 8 to 12 inches apart ½ inch deep, as soon as the soil can be worked. If the radish makes rapid growth it will be crisp and tender. Sow every week or ten days for succession.

One ounce for 100 feet of drill.

CRIMSON GIANT RADISH. Rich crimson color, flesh white and solid, and of a mild and delicious flavor. Grows to a large size without becoming pithy. Excellent for forcing. Pkt., 5c; Oz., 15c; ¼ lb., 25c; lb., 75c.

SCARLET TURNIP WHITE TIPPED. The upper part of root is crimson-red and the lower part pure white. Roots grow to 1½ inches in diameter. Pkt., 5c; Oz., 15c; ¼ lb., 25c; lb., 75c.

SCARLET GLOBE. One of the best varieties for forcing or sowing in the open ground; globe shaped, scarlet color, crisp and tender. Pkt., 5c; Oz., 15c; ¼ lb., 25c; lb., 75c.

WHITE ICICLE. Finest white radish. It is long, slender, pure white, roots of excellent quality. Fine for forcing. Pkt., 5c; Oz., 15c; ¼ lb., 25c; lb., 75c.

FRENCH BREAKFAST. Oblong shaped, color scarlet, white-tipped, rapid grower, mild and tender. Pkt. 5c; Oz., 15c; ¼ lb., 25c; lb., 75c.

ROUND BLACK SPANISH. Grows three to four inches in diameter. Skin black, flesh white. Excellent flavor and a good keeper. Pkt., 5c; Oz., 15c; ¼ lb., 25c; lb., 75c.

All prices quoted in this catalogue subject to change without notice.

Salsify (Oyster Plant)

Commonly called vegetable oyster. Used stewed, boiled or fried. When cooked has an oyster flavor. Sow early in drills fifteen inches apart; cover the seeds with fine soil, an inch and a half deep.

One ounce to 50 feet of drill.

MAMMOTH SANDWICH ISLAND. Pkt., 5c; Oz., 25c; $\frac{1}{4}$ lb., 75c.



Victoria Spinach

J.B.R.S.Co.

Spinach

Culture. Sow early in the spring in drills one foot apart, covering the seed one inch deep, thinning out as it grows. For a succession sow every two weeks.

The New Zealand spinach, which requires more room, may be started from seed early in spring to give greens during the heat of summer.

One ounce to 50 feet of drill; 10 to 12 pounds to the acre.

KING OF DENMARK. Leaves rounded, somewhat blistered; suitable for early sowing and remains in good condition after other varieties have bolted to seed. Pkt., 5c; Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

LONG STANDING. Good for summer crops, dark green in color, slow running to seed. Pkt., 5c; Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

BLOOMSDALE OR SAVOY LEAVED. Very dark green and compact in growth, withstands heat longer than most varieties. Pkt., 5c; Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

VICTORIA. Very thick, dark green variety, with leaves spreading out flat on the ground. Long standing. Pkt., 5c; Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

NEW ZEALAND. (Cut and come again variety). Grows in heat of summer when other varieties fail. Germination is slow and can be hastened by soaking in warm water for 24 hours. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Squash

Squash are quite tender and should not be planted until the ground has become thoroughly warm and all danger of frost is past. Plant in light, rich soil, well pulverized. Bush varieties should be planted about 4 ft. and the running varieties about 8 ft. apart.

Bush varieties, one ounce to 40 hills; running varieties one ounce to 15 hills, three or four pounds per acre.

GIANT SUMMER CROOKNECK. Early, productive and of good quality; fruit bright yellow. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

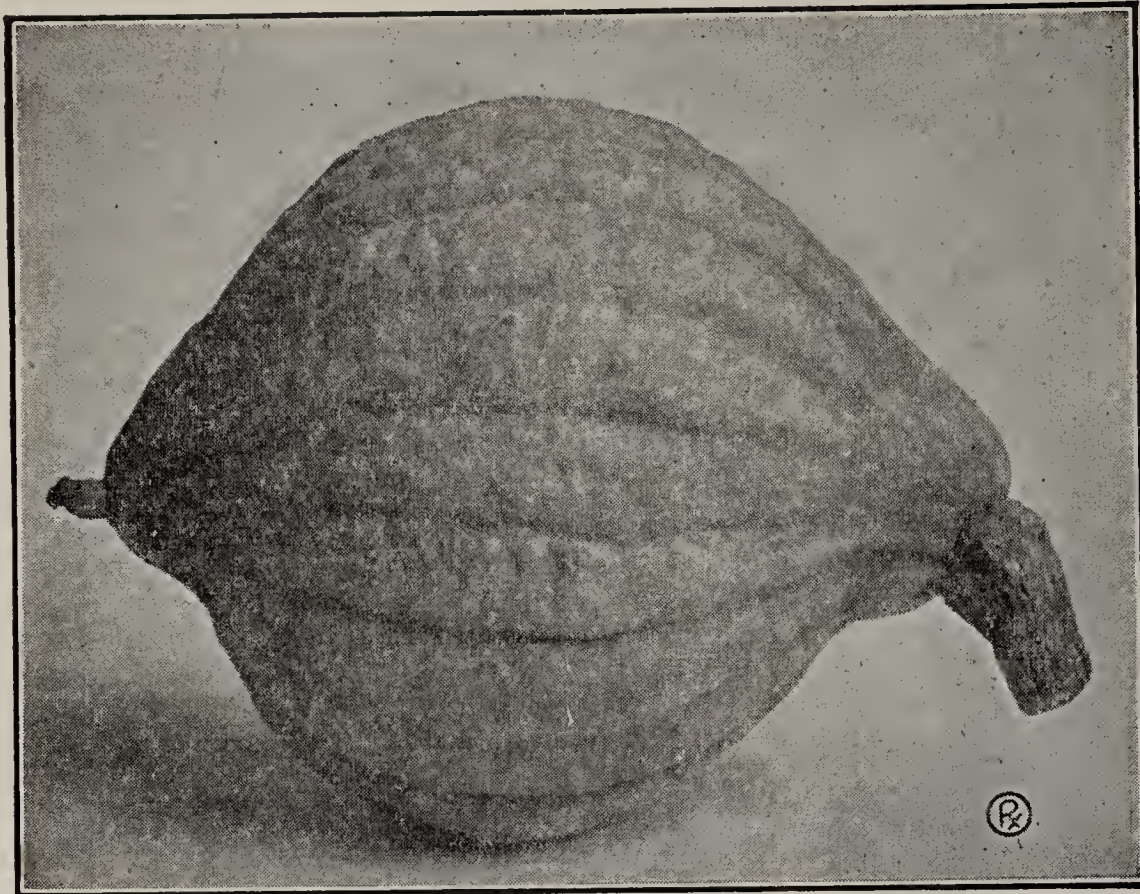
WHITE BUSH SCALLOPED. An early flat, scalloped shaped variety; very productive; good either for home or market garden. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

HUBBARD. One of the most desirable varieties in cultivation; color, dark green; flesh, bright orange-yellow; fine-grained, very dry, sweet and rich-flavored; keeps perfectly good throughout the winter. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

GOLDEN HUBBARD. Same type as the Green Hubbard, but of rich orange-red color and earlier to mature. A good keeper. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

All prices quoted in this catalogue subject to change without notice.

Squash



Warty Hubbard Squash

BLUE HUBBARD. Has the general shape of the Hubbard squash family. The fruit is gray-blue in color, grows very large, is a very heavy cropper and keeps well. The meat is thick, fine grained, dry and sweet. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

WARTED HUBBARD. An improvement over the old-fashioned Hubbard, same shape, large size, dark green, almost black, distinguished by a dense covering of knots which justifies the name "warted." Very thick flesh, first-class

quality, and a good keeper. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

MAMMOTH CHILI. Grown for exhibition and stock feeding; specimens have been grown to weigh upwards of 150 pounds; fruits oblong, skin quite smooth but with broad open netting and rich orange-yellow color. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

BOSTON MARROW. A fall and winter variety; very popular in the Boston market; of oval form; skin thin; when ripe, bright orange; an excellent keeper and of superior quality. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

EARLY PROLIFIC MARROW. Earlier than the Boston Marrow. Very productive and grows to weigh from seven to twenty pounds. Its color is most attractive, a brilliant orange-red. Quality excellent when mature, and a good keeper. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

DELICIOUS. A new variety of winter squash, one of the best ever introduced. Color of skin is green, with an occasional blue specimen. About the same size as the Hubbard. Flesh very thick and of a dark orange color, very fine grain, exceedingly rich and of elegant flavor. It can be used for either fall or winter use, but does not acquire its best qualities until winter. It is without question the sweetest and richest flavored squash grown. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

Sunflower

LARGE RUSSIAN Pkts., 5c; lb., 20c
Prices on Sunflower in larger quantities quoted on application.

Tobacco Seed

CONNECTICUT SEED LEAF. Best adapted to the climate of the northern states, as it is more hardy and endures the cold better than the tender varieties grown south. Pkt., 5c; Oz., 35c; $\frac{1}{4}$ lb., \$1.25.

All prices quoted in this catalogue subject to change without notice.

Tomato

One ounce will produce 1,500 plants. This vegetable is one of the most important of all garden products. They thrive best in a warm, light, rich soil. For early plants, sow about the first week in March in a hotbed, or in boxes or pots in a warm window. When the plants are about two inches high, set out in boxes, three inches deep, four inches apart, in the same temperature, or pot singly. If again transplanted before setting out, the plants will be still more stocky. Set out in the open ground about the first of June, four feet apart, each way, using a shovelful of rotted manure in each hill. Keep well sheltered and watered until they are established, after which let the fruit have plenty of sun.



EARLIANA. A first early sort. Remarkable for its size and bright red color. The flesh is very firm and solid, and of excellent quality. Pkt., 5c; ½ Oz., 20c; Oz., 35c.

BONNY BEST. An extra early Tomato of a vigorous growth, and very prolific. Fruit of uniform size, solid, smooth, fine flavor and a bright scarlet color. One of the very best extra early varieties. Pkt., 5c; ½ Oz., 20c; Oz., 35c.

SCARLET DAWN. A cross of Clark's Early and Marglobe, earlier in season than either parent. Vines of medium growth, fairly open, very prolific. Fruits medium large with thick wall structure, globular, smooth, free from flat sides, bright scarlet ripening well to the stem, exceptionally attractive. Highly desirable for home garden and shipping; also for early canning. Pkt., 5c; ½ Oz., 20c; Oz., 35c.

CHALK'S EARLY JEWEL. An exceptionally fine early variety, about ten days later than Earliana. Fruit smooth, round and solid. A bright scarlet in color. Excellent for both the market and home. Pkt., 5c; ½ Oz., 20c; Oz., 35c.

DWARF CHAMPION. This is an early variety, which forms very stout, strong plants, about two feet high. The branches are short, making a bushy plant that stands quite erect, without stakes. Fruit smooth, medium sized, fairly solid, but has no hard core, and is of good flavor. Pkt., 5c; ½ Oz., 20c; Oz., 35c.

MARGLOBE. A new disease resistant tomato, second early in maturity, fruit large, smooth, globular, and nearly coreless. Color red. A fine variety for the market gardener. Pkt., 5c; ½ Oz., 20c; Oz., 35c.

LIVINGTON'S BEAUTY. Color very glossy crimson; grows in clusters of four or five fruits; large and solid. Pkt., 5c; ½ Oz., 20c; Oz., 35c.

PONDEROSA. A very large variety, purple in color. Considered to be one of the best for home use. Fruit very solid with few seeds, and of excellent flavor. Free from acid. Pkt., 5c; ½ Oz., 20c; Oz., 35c.

JOHN BAER. A bright red tomato a few days earlier than Bonny Best, bearing a very heavy crop of large, smooth, evenly ripened fruit. Seldom bursts when dead ripe. Pkt., 5c; ½ Oz., 20c; Oz., 35c.

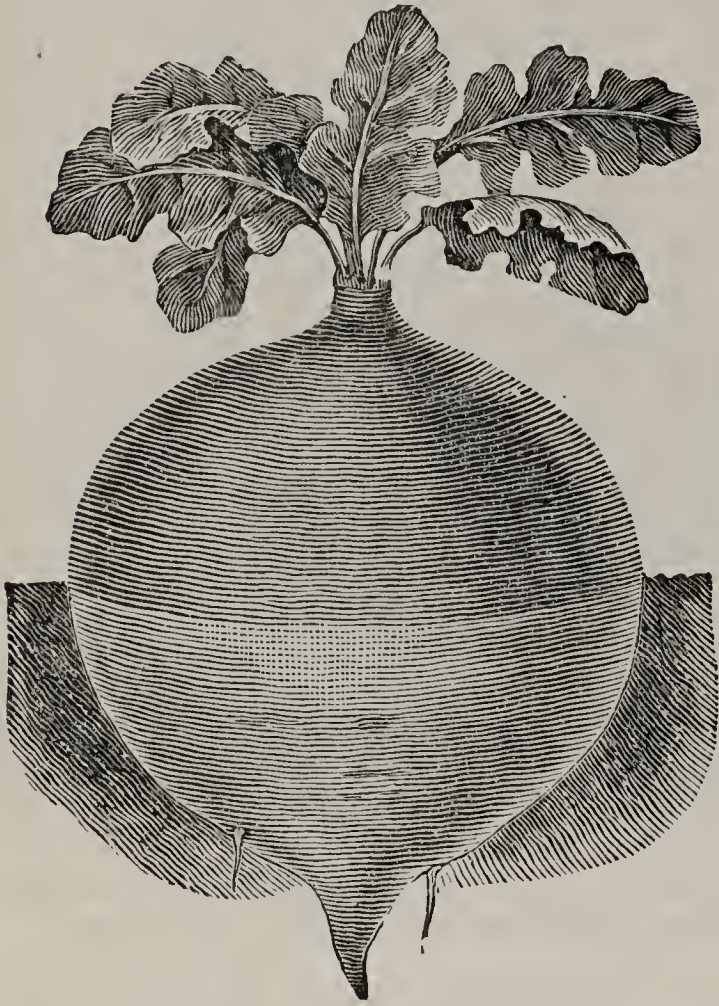
NEW STONE. 84 days. Vines vigorous and productive; fruits large, smooth, solid and deep red in color; very heavy. This is a favorite canners' variety. Pkt., 5c; ½ Oz., 20c; Oz., 35c.

All prices quoted in this catalogue subject to change without notice.

Turnip

Culture. Thrive best in light, rich, sandy soil. The earliest varieties can be sown as soon as the ground can be worked, either in drills or broadcast. For fall and winter crop, sow about the middle of July. Cover $\frac{1}{2}$ inch deep. Thin to six inches apart.

One ounce will sow 150 feet of drill, 1 to 2 pounds to an acre.



GOLDEN BALL OR ORANGE JELLY. A rapid grower of excellent flavor; bright yellow, good keeper, and a superior table variety. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c.

EARLY PURPLE TOP STRAP LEAF. An early table variety. The roots are flat, medium in size, purple or dark red above ground, and white below ground. Roots are in best condition for the table when about $2\frac{1}{2}$ inches in diameter, but will grow much larger for feeding purposes. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c.

WHITE EGG. An early, oval or egg shaped variety. Roots of medium size, smooth, clear white, and of the highest quality. Excellent for home gardens and markets. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c.

COW HORN. This variety is pure white, except a little shade of green at the top. An exceptionally heavy yielder of very rapid growth and is very popular for field culture for feeding stock. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c.

Ruta Baga

CARTER'S IMPERIAL SWEDE. A most excellent sort for either table use or feeding stock. Flesh yellow, solid, sweet and rich. Purple top, hardy and heavy yielder. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c.

AMERICAN PURPLE TOP. Flesh solid, yellow, sweet, and of fine flavor. Excellent keeper for winter use. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c.

SKIRVING'S PURPLE TOP. A very popular variety. Large, yellow, firm flesh, sweet, and a good keeper. Pkt., 5c; Oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c.

Herbs

Most herbs have both decorative and vegetable qualities, and for this reason are found in both flower and vegetable gardens. They are easily dried for winter use. In general, they may be sown in early spring in rows about a foot apart, and thinned to about 6 in.

BALM. A perennial used for a medicinal tea, and a beverage of lemon-like flavor. Pkt., 5c.

DILL. The seed and foliage of this annual is used for flavoring as in "dill pickles." Pkt., 5c.

SAGE. The well-known hardy perennial used for seasoning. Pkt., 5c.

SAVORY, SUMMER. The foliage and flowers of this annual used for flavoring and seasoning. Pkt., 5c.

SWEET MARJORAM. Treated as an annual and the younger foliage used for seasoning. Pkt., 5c.

CHERVIL—CURLED. A crisp curled variety. This is an aromatic sweet herb that resembles parsley. Used for flavoring soups and salads. Pkt., 5c.

All prices quoted in this catalogue subject to change without notice.

FLOWER SEEDS

For best results, flowering plants should be grown in a rich, sandy loam. Do not cover too deeply. A general rule is to cover from $\frac{1}{4}$ to $\frac{1}{2}$ inch, but for the very fine seeds, the best results are obtained by merely pressing them into the earth, and sprinkling them lightly with loose earth to prevent seed drying up. In dry weather, they should be sprinkled frequently.

All Flower Seeds sent postpaid on receipt of price.



Dwarf Nasturtium

Nasturtium

One of the most popular flowers, Nasturtiums are perhaps the most easily grown of all annuals, and in almost any soil. The dwarf varieties are used for beds and borders and the tall sorts to cover fences or in window boxes. The plants, for about three months in the year, produce a lavish profusion of bloom even through the hottest weather.

NASTURTIIUM (Tall). Finest Mixed. Pkt., 10c; Oz., 15c; 2 Oz., 25c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

NASTURTIIUM (Dwarf). Finest Mixed. Pkt., 10c; Oz., 15c; 2 Oz., 25c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

NASTURTIIUMS. Double Sweet Scented. The most popular novelty of the past two seasons. The plants are semi-dwarf throwing out short runners. Stems are long and bear the flowers well above the foliage of the plant. Very fragrant.

GOLDEN GLEAM. Double. Golden Yellow. Pkt., 10c; Oz., 25c.

SCARLET GLEAM. Double. Orange Scarlet. Pkt., 10c; Oz., 30c.

DOUBLE GLEAM HYBRIDS. A collection of gorgeously colored double flowers of many colors. Pkt., 10c; Oz., 25c.

Sweet Peas

Sow as early as the ground can be prepared in a rich, moist soil, in drills 6 inches deep, covering about 2 inches. As the vines grow, fill up the trenches with soil and thin out to about 4 inches apart. A good plan is to sow in double rows with a trellis between.

When plenty of manure is available, dig trench 12 to 15 inches deep. Lay 4-inch land tile in the bottom of trench. Stop up one end with cement. Place an elbow on the other end and add tile enough to come a little above surface of soil. Lay small pieces of tarred paper over the joints to keep out dirt until soil has firmly settled. Fill trench with the manure until when well treaded, it is 4 inches from the surface. Water freely with hose. Fill nearly to the top with loam, sow the seed and cover about 2 inches. When plants have grown 3 or 4 inches high, thin to 4 inches apart and fill around them as they settle in the trench. Water freely in the tile twice a week. Dissolve Nitrate of Soda in the water occasionally for best results.

Spencer Varieties

The flowers are of exceptionally large size, the wings waved or frilled and the general effect is very attractive. The plants are of vigorous growth and remain in bloom much longer than ordinary sorts. They produce abundantly on long stems, making them most desirable for cutting.

The more the flowers are cut the more freely they will bloom.

All prices quoted in this catalogue subject to change without notice.

Sweet Peas—Spencer Varieties



AUSTIN FREDERICK. Improved, giant lavender.

BLUE BIRD. Clear mid-blue.

CLARA CURTIS. Very large wavy; cream or light primrose.

DORA. Rosy cerise, cream wings.

FIERY CROSS. Large fiery scarlet.

HERCULES. Pure pink.

HEBE. Large rosy pink.

MARY PICKFORD. Dainty cream pink, suffused salmon.

ROYAL PURPLE. Rich purple.

WHITE SPENCER. Pure white.

Price, any of the above: Pkt., 10c; Oz., 20c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.25.

SUPERIOR SPENCER MIXED. Choice mixture. Pkt., 10c; Oz., 15c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

INOCULATE SWEET PEAS WITH NITRAGIN to insure larger roots and a more vigorous growth. Garden size for up to 8 lbs. of seed, 25c.

THE FOLLOWING LIST OF DESIRABLE FLOWER SEEDS

ASTERS—Queen of the Market. Mixed colors.

Giant Comet. Of great beauty, mixed.

Crego. Comet type, curled petals, mixed.

ALYSSUM. Sweet scented white flowers.

BACHELORS BUTTON. Showy, hardy annual, mixed.

BALSAM. Most magnificent, mixed.

CALENDULA (Pot Marigold). Mixed.

CALLIOPSIS. Very showy, mixed.

CANDYTUFT. Pure white.

CANDYTUFT. Finest mixed colors.

CANTERBURY BELLS. Cup and saucer, mixed.

CARNATIONS. Very showy, sweet scented.

COSMOS. Free blooming, mixed colors.

EVERLASTING. Very ornamental.

FORGET-ME-NOTS. Sky blue.

GAILLARDIA. Large flowers, mixed.

HOLLYHOCK. Single mixed. (Perennial).

HOLLYHOCK. Double mixed. (Perennial).

LARKSPUR. Annual of great beauty, mixed.

MARIGOLD (African). Mixed.

MARIGOLD (French). Mixed.

MIGNONETTE. Sweet large flowered.

MORNING GLORY. Mixed.

PANSY. Large flowered, mixed.

PETUNIA. Great variety, mixed.

PHLOX (Drummond). Mixed.

POPPY (California).

POPPY (Double). Choice mixed.

POPPY (Shirley). Beautiful shades, mixed.

PORTULACA. Very popular, single mixed.

SALPIGLOSSIS. Very beautiful, mixed.

SALVIA (Scarlet Sage). Old favorite.

SNAP DRAGON. Mixed annual.

STOCKS. Early, large flowering, mixed.

SWEET WILLIAM. Showy perennial, mixed.

GYPSOPHILA. Baby's Breath.

WILD CUCUMBER VINE. Will climb 15-20 feet.

FLOWER GARDEN MIXTURE. Intended to be sown broadcast.

VERBENA. Always popular, mixed.

ZINNIA (Giant). Large flowered, mixed.

R. B. Dunning & Co. Superb Gladiolus

There is no other Summer flowering bulb that is enjoying so great popularity as that of the Gladiolus. Their adaptability to garden decoration or to use as cut flowers during the Summer and early Autumn is surpassed by no other flower. They are not only showy in the garden but when cut with the first flower open, will last for 10 days in the house. They thrive in almost any good garden soil but better results may be had if soil is well prepared and enriched with some of our pulverized manures. Great improvements have been made in the size, color and beauty of these flowers. Our list comprises the best of recent introductions as well as the most popular of the standard varieties. Plant bulbs 4 inches deep and from 4 to 6 inches apart.

TWELVE OF THE MOST POPULAR COLORS
GLADS

CARMEN SYLVA	White	GIANT NYMPH	Light Pink
CRIMSON GLOW	Dark Scarlet	PRIDE OF WANAKAH	Rose Pink
GOLDEN DREAM	Pure Yellow	BERTY SNOW	Pinkish Lavender
OSALIN	Orange Pink	MADAM KONYNNEBURG	Med. Blue
LEON DOUGLASS	Flame Salmon	MELBA	Creamy Pink
AMERICA	Pure Pink	KARL VOLKERT	Rose Salmon

WONDER MIXTURE — SPECIAL COLLECTION

DUNCO WONDER MIXTURE. Twenty-five bulbs in a box. No two alike. Full range of colors. If bought separately would cost more than double.

Per box
\$1.00
by mail, \$1.15.

DUNCO SPECIAL COLLECTION. One bulb each of 15 outstanding varieties, all separate and named. This is purely an advertising special, put up for the purpose of inducing those who are not yet familiar with our wonder quality bulbs to try them, and as a rare treat for those who buy our bulbs year after year. Full instructions from A to Z in this Glad Game, by a noted gladiolus grower, with each order.

Per box
\$1.50

Vegetable Plants and Roots

ASPARAGUS ROOTS

Strong two-year old roots. Per dozen, 40c; per 100, \$2.50.

CABBAGE PLANTS—Ready May 15th.

Early varieties: Golden Acre, Early Jersey Wakefield, Copenhagen Market.
Later varieties: Danish Ball Head, Sure Head, Flat Dutch.

Put up in bunches; 25—25c, 50—40c, 100—75c.

CAULIFLOWER PLANTS—Ready June 1st.

Henderson’s Early Snowball. Put up in bunches; 12—30c, 25—50c, 100—\$1.50.

TOMATO PLANTS—Ready May 20th.

Earliana Bonny Best Marglobe Improved Stone
Put up in bunches; 12—35c, 50—\$1.35, 100—\$2.50.

CELERY PLANTS—Ready June 1st.

Golden Self-Blanching Boston Market Golden Plume or Wonderful
Put up in bunches; 25—60c, 50—\$1.00, 100—\$1.75.

PEPPER PLANTS—Ready June 1st.

Harris Early Giants (Sweet). Per dozen, 35c.

All prices quoted in this catalogue subject to change without notice.

Bedding Plants—Seedlings

In the following list of ANNUALS are a number of the 1936 Novelties priced at 35c per dozen.

PETUNIA. Rose of Heaven, Balcony Blue, Violet Gem.

STOCKS. Early Giant Imperial; Mixed, Lavender, Rose Pink.

ASTERS. Queen of the Market, mixed; Early Semple Branching, mixed.

CREGO. Purple, White, Shell Pink, Mixed.

CALENDULA. Orange Shaggy, Chrysantha, Orange King, Lemon King.

LARKSPUR. Emperor semi-dwarf; Mixed, Blue, Pink. Imperial tall branching; Mixed, Blue, Pink and Lilac.

ZINNIAS. Bodgers Giant Dahlia Flowering; Mixed, Salmon, Flame.

MARIGOLDS. African Tall, Dixie Sunshine, Yellow Dwarf, French Fiery Cross, Yellow Spotted Maroon.

CLARKIA. Double Mixed, Purple, Orange Scarlet.

SCABIOSA. Giant Hybrid Flowering; Mixed, Peach, Cherry-Red, Rose.

CARNATION. Chabaud's Everblooming; Mixed.

COSMOS. Orange Flame, Double Flowering Express, Mixed.

SNAPDRAGON. Maximum Large Flowering; Mixed, Deep Red, Pink, Yellow.

ANNUAL CANTERBURY BELLS. Giant Hybrid, Mixed.

SALPIGLOSSIS. Mixed, Crimson and Gold, Rose and Gold.

Potted Plants

In 2¼ inch pots showing color; 10c each, \$1.00 per dozen.

Ageratum
Alyssum
Coleus

Ivy
Lobelia
Salvia

Sun Pinks
Petunia, 4 varieties
Rosy Morn

Rose of Heaven
Balcony Blue
Violet Gem

PETUNIAS. Double Ruffled Monsters, Dwarf Giants. In 4 inch pots; 20c each, \$2.00 per dozen.

HELIOTROPE. In 3 inch pots; 20c each, \$2.00 per dozen.

GERANIUMS. Pink, Light Pink, Red and White. In 3 inch pots showing color; 20c each, \$2.00 per dozen. In 4 inch pots showing color; 30c each, \$3.00 per dozen.

Perennials

Field grown, 2 year old, will flower first season.

Varieties marked (R) are especially suited for Rockeries.

(R) **ALYSSUM.** White, height 6 in.
ANTHENSIS (Hardy Marguerite).
Yellow, 18 in.

(R) **ARMERIA.** Sea Pink, 15 in.
AQUELEGIA. Mrs. Scott Elliott's
Hybrid, Mixed.

DELPHINIUM. Blackmoore Langdon's Strain, Mixed.

GAILLARDIA. Dazzler Novelty,

HOLLYHOCKS. Charter Double,
Red, Yellow, Maroon.

(R) **IBERIS.** White, 8 in.

LUPINUS. Polyphyllus, Blue.

(R) **NEPTA.** Mussinii, Blue, 6 in.

(R) **PHLOX.** Sublata Rosea, Pink, 6 in.

(R) **STATICE.** Latifolia, Sea Lavender, 12 in.

(R) **SWEET WILLIAM.** Hybrid Nana,
Mixed, 10 in.

SWEET WILLIAM. Hybrid Giant
Flowering, Mixed.

(R) **VIOLA.** Blue, Yellow, 8 in.

Price any of the above 15c each, \$1.50 package; Divisions, 25c each.

All plants shipped at owner's risk. Our responsibility ceases on delivery to the Express or Railroad Company. No plants will be shipped on Saturday.

Plants sent by Express, Freight or Parcel Post.

All prices quoted in this catalogue subject to change without notice.

Extra Selected Farm Seeds

At market prices at time order is received. All inquiries for quotations will be promptly answered.

GRASS SEEDS

TIMOTHY OR HERD'S GRASS. The popular grass for hay; 45 lbs. to the bushel.

FANCY RED TOP. Clear seed. A valuable grass in field and lawn mixtures; 40 lbs. to the measured bushel.

CANADA BLUE GRASS. A very hardy variety of Blue Grass. Excellent for pasture and especially adapted to dry, sandy, thin soils. Does not make as fine a sod as the Kentucky Blue Grass, but will stand rougher usage.

KENTUCKY BLUE GRASS. An excellent variety for pasture. Also valuable for lawns when mixed with other grasses; 14 lbs. to the bushel.

ORCHARD GRASS. Valuable on all dry soils, very valuable as a pasture grass; 14 lbs. to the bushel.

CHEWINGS FESCUE. Valuable in lawn, golf link and pasture mixtures.

RYE GRASS. A very valuable grass; arrives early at maturity and produces a good quantity of hay. It grows freely on most any soil and shows a very early spring growth of which cattle are very fond. Very desirable for a pasture grass.

MEDIUM RED CLOVER. The common Red Clover, one of the most popular clovers for agricultural purposes.

MAMMOTH OR PEA VINE CLOVER. Of ranker growth than Medium Red and usually lasts longer.

ALSIKE CLOVER. Very hardy, particularly adapted for low, moist land.

WHITE CLOVER. Very hardy. Valuable for lawns and permanent pasture mixtures. Adapted to all soils.

SCARLET OR CRIMSON CLOVER. A rapid growing annual, fine for feeding cattle, or for plowing under to enrich the soil.

BOKAHRA OR WHITE SWEET CLOVER. Will grow on very poor soils; excellent for plowing under, also makes a superior forage crop. This is a biennial and will not last over two years.

ALFALFA. We offer the Grimm's Alfalfa as the variety best adapted to New England.

Forage Seeds, Grain, Etc.

AT THE LOWEST MARKET RATES AND OF THE BEST QUALITY

BARLEY (both two-row and six-row). The two-rowed variety has a head a little longer than the six-rowed varieties and the grain is larger, plump, extra heavy. On account of its attractive appearance and the fine quality, the grain brings the highest price, and is also extensively grown for green fodder.

BUCKWHEAT (Japanese). The most desirable variety. If sown at the same time as the Silver Hull it will ripen earlier and yield nearly double the amount. It is of much stronger growth than the common buckwheat and the kernels are fully twice the size.

MILLET (Japanese Barnyard). Succeeds in almost any ordinary soil, and may be sown from the middle of May to the first of July. Is distinct from other varieties. Enormous crop, and is excellent, either green or cured, for hay. Exceedingly popular as a forage plant.

MILLET (Hungarian). Probably used more than any other millet for fodder during the summer months. Remains green when almost all other vegetation has dried up. It is one of the very best plants for green fodder or for ensilage; makes hay of good quality.

SOUDAN GRASS. A new annual forage crop. Soudan grass is a drought-resistant hay crop of great merit. In dry sections it yields more forage than millet, and the hay is relished by stock of all kinds. After the ground has become warm, seed may be sown broadcast at the rate of from 16 to 24 pounds per acre; if planted in drills 18 to 24 inches apart, from 4 to 6 pounds per acre will be sufficient.

SWEDISH TYPE OATS. One of the best varieties for home use or market. It is a heavy yielder, with stiff straw, thin hull, and stands dry weather well.

MAINE 340 OATS. This variety of oat was originated in the State of Maine after many years of careful selection and breeding. A heavy yielder, straw good height, stiff and does not lodge easily. Oats very heavy and of fine quality.

ROSEN RYE (Winter). Produces a strong, vigorous straw and stools to a remarkable degree. The grain is large, plump, heavy and of beautiful color, commanding a premium on the market over other grains. Owing to its vigorous stooling property less seed is required, the practice being about 1½ bushels per acre.

All prices quoted in this catalogue subject to change without notice.

Forage Seeds, Grain, Etc.

(Continued)

At the State Experimental Farm in Michigan, for a number of years the average yield has been 41.3 bushels per acre, of an exceptionally high quality of grain, and 46 bushels per acre is not an unusual yield.

RYE (Spring). For a catch crop this is best for sowing in the spring, as a crop may be obtained by later sowing than any other grain, although it does not yield as heavily as the winter rye.

For extra profit, treat oats, barley and wheat with New Improved Ceresan. Unusually effective in controlling smut. Applied by dusting on seed, only 2 oz. for wheat or rye, 3 oz. for barley and oats. Often increases yield 1 to 5 bushels per acre. Price: 1 lb., 75c; 5 lbs., \$3.00.

WINTER VETCHES. Also called Sand Vetch or Hairy Vetch. Recommended for fall sowing with rye, which serves as a support. It is perfectly hardy in all parts of the country, can be harvested or

plowed under and the ground used for the usual spring crop. Sow 60 pounds of the seed per acre, together with $\frac{1}{2}$ bushel of rye.

SOJA BEANS. Produce an enormous crop of both vines and pods. Valuable as a forage crop, and for fertilizing the soil, also for pasturing, feeding as green fodder, and for silo purposes. Sow $\frac{1}{2}$ bushel to the acre.

COW OR SOUTHERN PEAS. Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Peas are very popular. They should be sown the last of May or in June, at the rate of one and one-half bushels to the acre and plowed under as soon as they have attained their growth. Cow Peas are also valuable as a forage crop.

To insure a good crop of Vetch, Cow Peas, or Soja Beans, inoculate the seed with NITRAGIN.

DWARF ESSEX RAPE

A forage plant of great merit, easily grown in any locality, and one of the most satisfactory quick-growing crops, especially for sheep. As a fattening food for sheep, cattle, calves or pigs, it is without a rival in point of cheapness, is hardy, withstands drought, and will produce a crop in any soil. The seed may be sown from May to July, 10 to 12 pounds per acre.

SPECIAL MIXTURES FOR PUTTING GREEN AND FAIRWAY

We carry a stock of grass seeds for Golf Links that will give excellent results. Write for prices on special formulas, giving quantity desired.

PASTURE SEED

A Special Grass Mixture for Permanent Pastures. This is a special mixture of grasses that produce a heavier, thicker and longer continued growth of grasses than when only one or two kinds are sown. It also makes a much heavier and thicker sod.

If unable to harrow into the soil, the seed should be sown just as soon as the snow leaves in the spring, while the ground is cool and moist. We recommend using 1 to $1\frac{1}{2}$ bushels of seed per acre. Write for prices.

TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE

	Lbs. Per Bush.	Amt. Per Acre		Lbs. Per Bush.	Amt. Per Acre
Alfalfa	60	20 lbs.	Millet, Japanese	35	10 to 15 lbs.
Barley, broadcast	48	$2\frac{1}{2}$ to 3 bu.	Millet, Siberian	48	12 to 15 lbs.
Beans, Dwarf, in drills	60	1 to $1\frac{1}{2}$ bu.	Oats, broadcast	32	3 to 4 bu.
Beans, Pole, in hills	60	10 to 12 qts.	Onions, in drills		4 to 5 lbs.
Beets, Garden		6 lbs.	Onion Sets, in drills	32	8 to 10 bu.
Beets, Mangel Wurzel		6 lbs.	Orchard Grass	14	2 to 3 bu.
Buckwheat	48	1 bu.	Parsnip, in drills		5 lbs.
Cabbage		6 to 8 oz.	Peas, Smooth, broadcast	60	2 to 3 bu.
Carrot		3 to 4 lbs.	Peas, Garden, in drills	56	$1\frac{1}{4}$ to $1\frac{1}{2}$ bu.
Clover, Alsike	60	6 to 10 lbs.	Potatoes	60	10 to 12 bu.
Clover, Red	60	12 to 20 lbs.	Pumpkin, in hills		3 to 4 lbs.
Clover, White	60	6 to 10 lbs.	Red Top, clean seed	40	8 to 10 lbs.
Corn for Ensilage, in drills		$\frac{1}{2}$ to 1 bu.	Rye, broadcast	56	$1\frac{1}{2}$ to 2 bu.
Corn, in hills		10 qts.	Squash, in hills		4 lbs.
Cucumber, in hills		$1\frac{1}{2}$ to 2 lbs.	Soudan Grass		16 to 24 lbs.
English Rye Grass	24	2 to 3 bu.	Timothy	45	$\frac{1}{2}$ bu.
Hungarian	48	1 bu.	Turnip, broadcast		$2\frac{1}{2}$ to 3 lbs.
Kentucky Blue Grass	14	2 to 3 bu.	Turnip, in drills		1 to 2 lbs.
Lawn Grass	20	4 bu.	Vetches	60	$\frac{1}{2}$ to 1 bu.
Millet, Golden	48	1 bu.	Wheat, broadcast	60	$1\frac{1}{2}$ to 2 bu.

All prices quoted in this catalogue subject to change without notice.

Inoculate all Legumes with **Nitragin** The Original Legume Inoculator

GARDEN BEANS	GARDEN PEAS	ALFALFA and SWEET CLOVER
1/2 Bu. size.....30c	1/2 Bu. size.....30c	1/2 Bu. size.....35c
1 Bu. size.....45c	1 Bu. size.....45c	1 Bu. size.....60c
RED, ALSYKE, CRIMSON CLOVER	SOY BEANS	COW PEAS
1/2 Bu. size.....35c	1 Bu. size.....35c	1 Bu. size.....35c
1 Bu. size.....60c	2 Bu. size.....65c	2 Bu. size.....60c

Garden NITRAGIN for Peas, Beans and Sweet Peas. Can be used on any amount of seed up to 8 lbs. Price 25c.

In ordering, be SURE to SPECIFY the KIND OF SEED that the Nitragin is wanted for.

Agrico and AA Quality Fertilizers

XL Superphosphate—For general garden use	3-10-4	100 and 50 lb. bags
Peerless Fertilizer—For potatoes and vegetables	4-8-7	100 lb. bags only
Complete Manure—For potatoes and vegetables	4-8-10	100 lb. bags only
Agrico High Grade—For corn	3-10-6	100 lb. bags only
Agrico High Grade—For potatoes and vegetables	5-8-7	100 lb. bags only
Agrico for New England—For potatoes	4-8-10	100 lb. bags only
Plain Superphosphate or Acid Phosphate 16% Phosphoric acid		100 lb. bags only

Please write for prices stating kind and amount desired.

Vigoro

The COMPLETE Plant food. See complete details on inside page of back cover.

Pulverized Sheep Manure

A natural dressing for Lawns, Flower Beds, Vegetable Gardens, Golf Links, etc., and is the best of all manures for mixing with the soil for Greenhouse Plants.

It can be applied two or three times to the lawn during the season, at the rate of about one pound to thirty square feet, owing to the condition of the lawn.

For mixing with soil, take one part of manure to six parts soil. For making a liquid, take one pound of manure to five gallons of water, which can be used daily with safety, if necessary.

PRICES:

5-pound bag, 30c	10-pound bag, 50c	25-pound bag, 90c
50-pound bag, \$1.50	100-pound bag, \$2.75	

Bone Meal

Valuable for use on Lawns, Flower Garden and Shrubs.
Nitrogen, 2.47% Phosphoric Acid, 23%

PRICES:

5-pound bag, 30c	10-pound bag, 50c	25-pound bag, \$1.00
50-pound bag, \$1.50	100-pound bag, \$2.75	

All prices quoted in this catalogue subject to change without notice.



STIM-O-PLANT

A fertilizer in tablet form, odorless and easy to use. Increases production, heightens color and improves quality quickly. Many professional and amateur growers use them all year 'round. Excellent for pot plants during winter. Per package of 30 tablets, 25c; 100, 75c; 500, \$2.50; 1000, \$3.50.

Sulphate of Ammonia

Sulphate of Ammonia is a high-grade concentrated chemical. It must be applied correctly. Follow directions carefully. It has no odor; is all soluble, the effect can be seen a few days after applying. Produces crisp, succulent vegetables. Excellent for shrubs and flowers. Checks weeds and makes a wonderful velvety lawn.

2-pound package, 30c 5-pound package, 55c 10-pound package, \$1.00
25-pound package, \$2.00 100-pound package, \$4.00

NITRATE OF SODA — AGRICULTURAL LIME — HYDRATE LIME for Spraying
or Dusting — COMMERCIAL SULPHUR — LAND PLASTER

Write for prices of quantity desired

Adco—Artificial Manure

Free from foul odor, flies, weed seeds, etc. The process is perfectly simple and not at all laborious. The addition of Adco to the compost pile, or to other vegetable refuse, grass clippings, leaves, etc., at the rate of two pounds to each wheelbarrow load of refuse, will produce a clean, odorless manure within three or four months. 25 lbs., \$2.00; 100-lb. bags (4-25's) enough for a heap 6 ft. by 6 ft. by 6 ft., making about two tons of manure, price, \$7.50.

Premier Swedish Peat Moss

VACUUMED CLEANED

A remarkable soil conditioner and mulch. This wonderful humus material cannot be used too widely as it retains moisture, prevents packing and aids root development. As a mulch premier Peat Moss prevents winter injury; conserves summer moisture; reduces gardening labor; keeps out weeds.

Full directions for Spring, Summer, Fall and Winter use in every package.

It is put up for you as follows: Full bale weighing about 140 lbs. each, \$3.25; half bales, \$2.25; 1 bu. carton when packed, 50c; 1½ peck cartons when packed, 25c; 3 quart cartons when packed, 10c.



Mulch Paper

A weather-resistant, heat absorbing, strong paper which is placed on the soil between plants.

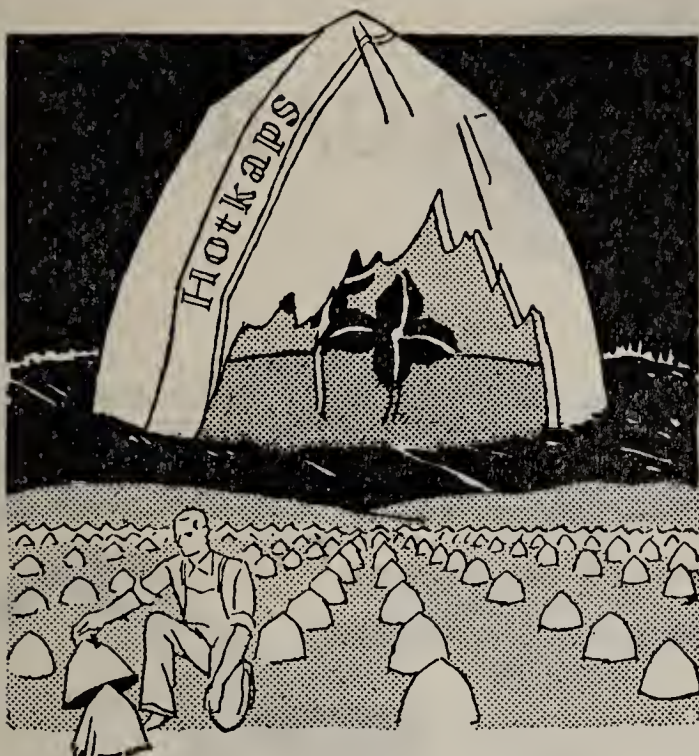
It stimulates, promotes, hastens growth by the simple expedient of raising the soil-temperature and preventing evaporation of the soil-moisture. Vegetables of all kinds, fruits and flowers growing with Mulch Paper not only mature earlier but experience proves they are bigger, better, have more flavor, and are in general of higher quality. Actual tests show increases in yield from the same soil of 25 to 200 per cent.

It saves labor, too. Weeds cannot come up in soil that is covered by it. They're blanketed.

Comes in two types, each in 18-inch and 36-inch rolls.

Type A. Light weight, for annuals:	Per Roll
18 in. wide, 900 ft. long, 1,350 sq. ft.	\$2.50
36 in. wide, 900 ft. long, 2,700 sq. ft.	5.00
Type B. Heavy weight, for perennials and all garden work:	
18 in. wide, 450 ft. long, 675 sq. ft.	2.50
36 in. wide, 450 ft. long, 1,350 sq. ft.	5.00
18 in. wide, 45 ft. long, 67½ sq. ft. ....	.65

All prices quoted in this catalogue subject to change without notice.



Use HOTKAPS for Earlier, Bigger, Safer Crops

HOTKAPS are waxed paper cones, easily set out in quantity over seed or growing plants. They guard against rain, frost, cold, wind, hail, birds and insects, and maintain perfect mulch. Growth is forced and yield is increased 10 to 25 per cent. Crops mature 2 to 3 weeks earlier, and bring premium prices. Prices: 1,000 for \$10.25; 250 package with setter and tamper, \$3.75; 100 package with setter and tamper, \$2.50; steel setter, \$1.50. Garden setter, 50c. Postage extra.

Germāco

Hotkaps

Neponset Paper Flower Pots

A POT FOR GROWING PLANTS



The BIRD NEPONSET GREEN GROWING POT is a product of five years research work in greenhouses and scientific laboratories and has been developed especially for growing plants. It is light in weight, rugged, and flexible and will grow plants equal to those in clay pots. It may serve as a plant container, a shipping pot, or be re-used if plants are shifted to pots of larger size.

The non-porus structure makes the pot adaptable to any condition where plants can be grown. An even distribution of moisture and nutrients in the soil is assured with a greatly reduced time for attention.



NEPONSET RED POTS FOR STORAGE AND SHIPPING

These pots are made from water-resistant paper and will stand up under reasonable moist conditions for several weeks. Although Red Pots are sometimes used successfully for growing they are not recommended for the purpose.

Green Growing Pots

Size Inches	Per Dozen	Per 100	Per 1000
2½	\$.12	\$.75	\$ 6.50
3	.15	.85	7.35
4	.20	1.25	10.75

Red Neponset Pots

Size Inches	Per Dozen	Per 100	Per 1000
2½	\$.10	\$.50	\$4.25
3	.12	.65	5.25
4	.18	1.00	8.50

Soiltex

Do you want to know which fields need lime? How much they need? With Soiltex you can make your own test, and at a cost of less than 2 cents. Only a minute or two required for each sample. Price, \$1.00. Sent prepaid.

All prices quoted in this catalogue subject to change without notice.

FARM

Planet Jr.

GARDEN

TOOLS

Seeds, no matter how good cannot grow without proper care. Plant them at the proper depth and properly spaced in narrow rows. Keep the ground loosened up around your growing plants, to retain the moisture, and above all kill the weeds before they get a start. The best gardeners are only satisfied with the best equipment. Planet Jr. Garden Tools have been leaders in this field and favorites with fussy gardeners all over the world for more than sixty years. Send for complete Planet Jr. Catalog.

PLANET JR. SEEDER No. 3

Price \$16.50



Made for the market gardener or farmer who has a good sized garden. Hopper holds three quarts — enough to plant about one-quarter acre in seed. Plants practically all vegetable seeds in straight, narrow, continuous rows or dropped in hills 4, 6, 8, 12 or 24 inches apart. Marks the next row at the same time. Seed control and shut off located at top of handle, making easier operation.

PLANET JR. COMBINED SEEDER AND WHEEL HOE No. 4

Price \$16.75



The No. 4 is a combination of the most useful tools for a moderate sized garden. Plants almost all vegetable seed in continuous rows or in hills 4, 6, 8, 12 or 24 inches apart. A plow adjustable for depth opens a straight, narrow furrow, the seeds are dropped in it, are covered and the soil firmed and the next row marked out all in the same operation. Converted into a Single Wheel Hoe by changing one bolt. Cultivating equipment includes all the essential equipment for hoeing, weeding, cultivating, plowing, furrowing, ridging, etc. The tools are oil hardened and tempered and will wear almost indefinitely.

Planet Jr. Seeder No. 4D Price \$13.50

This is a plain seeder without the cultivating attachments.

Planet Jr. Seeder No. 25 Price \$21.00

In operation the No. 25 Seeder is exactly the same as the No. 4 but can be changed into a Double Wheel Hoe instead of a Single Wheel Hoe. Cultivating equipment includes a pair of hoes, four cultivator teeth, a pair of plows and two leaf lifters.

PLANET JR. SEEDER No. 300A with FERTILIZER ATTACHMENT No. 320

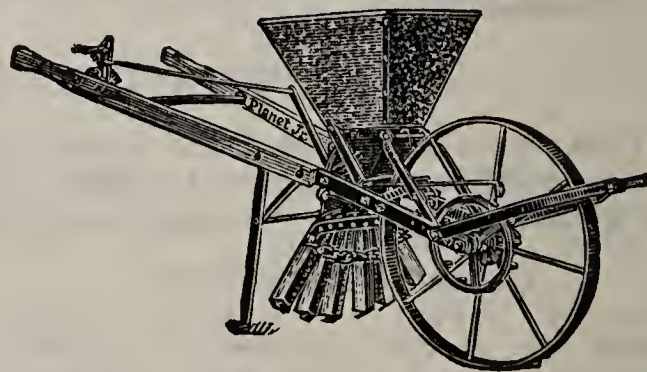


PRICE
No. 300A
\$18.75

PRICE
No. 320
\$12.50

This is the best all around seeder for market gardeners. It sows thru holes in a thin seeding plate and as there are 39 holes it will handle any seed from the smallest up to small lima beans. It plants with entire accuracy and without cracking the seed.

The No. 320 Fertilizer Attachment for this seeder can be used to place two narrow bands of fertilizer on each side of the row as the seed is being planted or for putting formaldehyde dust directly on the seed. It can also be used for side-dressing growing crops. Agitation of the fertilizer is constant and the accuracy of sowing practically 100%. The quantity can be adjusted from 100 to 1500 pounds of dry commercial fertilizer per acre in 12 inch rows or from 20 to 450 pounds of formaldehyde dust.



PLANET JR. FERTILIZER DISTRIBUTOR No. 220

Price \$26.00

The No. 220 will handle any commercial fertilizer and will distribute it equally in any desired quantity. It distributes the fertilizer thru six adjustable spouts spreading from 4 to 30 inches on the ground. Special gates are furnished which permit distribution thru only the two middle spouts or 2 or 3 spouts on either right or left hand side. The quantity of fertilizer can be accurately regulated from 200 to 2,000 pounds per acre.

FARM

Planet Jr.

GARDEN

TOOLS

PLANET JR. DOUBLE
WHEEL HOE No. 12

Price \$10.25



Equipment includes attachments needed in the average garden. One pair 6 inch hoes for shallow cultivation and weeding, four cultivator teeth for deeper and general cultivation and a pair of plows for plowing, furrowing and ridging and a pair of leaf lifters which are useful in protecting the leaves and vines when crops are maturing. As a Double Wheel Hoe it will straddle crops 20 inches high, cultivating both sides at once. Easily changed to a Single Wheel Hoe for working between rows. Made entirely of steel and practically indestructible.

PLANET JR. DOUBLE WHEEL HOE No. 13

Price \$7.60

The No. 13 is the same as the No. 12 but is equipped with one pair of 6 inch hoes only.

PLANET JR. SINGLE
WHEEL HOE No. 17

Price \$7.35

Very popular because equipment includes just the attachments needed in the average garden. A pair of 6 inch hoes for weeding and shallow cultivation, three cultivator teeth for deeper and general cultivation and a plow with land-side for hilling, furrowing, ridging and plowing. Light and easy to handle. All steel — unbreakable.

PLANET JR. SINGLE WHEEL HOE No. 16

Price \$8.50

The No. 16 is the same as the No. 17 above but in addition to the No. 17's equipment has one three-tooth and one five-tooth rake and a leaf lifter.

PLANET JR. SINGLE WHEEL HOE No. 18

Price \$5.50

The No. 18 is the same as the No. 17 but is equipped with one pair of 6 inch hoes only.

PLANET JR. GARDEN
PLOW No. 119

Price \$3.75



A sturdy and inexpensive garden plow and cultivator. For those liking the high-wheel this tool is the favorite. Equipment includes a large plow, a scuffle blade and three cultivator teeth. Due to the large wheel this tool pushes very easily.

PLANET JR. No. 119W GARDEN PLOW

Price \$3.75

Is the same as the No. 119 but has a five-prong forged spring steel cultivator attachment in place of the reversible scuffle blade.

PLANET JR.
FERTILIZER AND
GRASS SEED
SPREADER

Price \$5.50



The No. 210 will handle any of the commercial fertilizers, spreading it in even bands 14 inches wide in any desired quantity. The amount of fertilizer can be accurately regulated by a convenient lever on the back of the hopper.

All prices quoted in this catalogue subject to change without notice.

USE DU BAY SEED DISINFECTANTS

for Greater Crop Profits

New Improved SEMESAN BEL for Seed Potatoes

New Improved Semesan Bel now offers you a quick, easy, inexpensive method of controlling Rhizoctonia, scab, and other surface seed-borne diseases of potatoes. It provides you with a definite means of reducing production costs — and increasing growing profits. In addition to killing seed - borne diseases

Improved Semesan Bel protects the seed pieces from rotting under cold, wet soil conditions, assuring better stands and larger yields.

Increases in yields ranging up to 25% have been obtained with **Improved Semesan Bel**, but let us figure the profit on the average increase of 13.6%, or 35.4 bushels. The 35.4 bushels priced at \$1.01 each — the ten-year average farm price for potatoes — are worth \$35.75; deduct the cost of treating 20 bushels of seed per acre with Semesan Bel bought at the 25-pound rate, or 36 cents — and the profit



is \$35.39 per acre, or 9830% return on the money you spent for disinfectant. A handsome profit!

At a cost of only 1½ to 3 cents for each bushel of seed planted — for less, even, than the cost of the old “2-hour” soak methods, you can disinfect your seed potatoes by this effective, time and labor-saving dip method. Considering the time, labor, and equipment expense, the **Improved Semesan Bel** method costs as little even as the formaldehyde treatments. No. 1½ to 2-hour soaking is necessary. No time wasted.

PRICES:

4 oz. \$.50 a tin	25 lb. \$ 31.25 a pail
1 lb. 1.65 a tin	100 lb. 120.00 a drum
5 lb. 7.00 a tin	300 lb. 345.00 a drum

1 lb. treats 60 to 80 bushels of seed potatoes. May be mailed.
Free pamphlet.

SEMESAN

for Vegetables and Flowers

Prevent the many damaging diseases carried on the seed of flowers and vegetables by treating with Semesan before planting. It reduces seed decay, and damping off, which insures you of a better stand of sturdier plants that will give heavier yields. Recommended for seeds, bulbs, gladiolus corms, dahlia tubers and rose bushes. Easily applied as liquid or dust. Semesan costs but ¼ to 1 cent a pound of seed. Directions in every can.

Prices:

2 oz.	\$.50 a tin
1 lb.	2.50 a tin
5 lb.	11.75 a tin
25 lb.	46.25 a pail
100 lb.	180.00 a drum
300 lb.	525.00 a drum

1 oz. treats 15 to 30 pounds of seed.
May be mailed. Free pamphlet.

NEW IMPROVED SEMESAN Jr.

for Corn

1½ cents an acre for New Improved Semesan Jr. is a trifling investment to increase your corn crop 10%. In 51 tests on Corn Belt farms, this new ethyl mercury phosphate dust produced an average increase of 10% in yield. New Improved Semesan Jr. protects seed field or sweet corn against rotting; gives better stands; reduces losses from root rots. Easily and quickly dusted on seed at the rate of 2 ounces a bushel. There is a measuring spoon in larger sized tins. Costs less than 2 cents an acre. Does not reduce the rate of drop in planting.

Prices:

4 oz.	\$.35 a tin
1 lb.	1.00 a tin
5 lb.	4.75 a tin
25 lb.	23.25 a pail
100 lb.	90.00 a drum

1 lb. treats 8 bushels of seed corn. May be mailed. Free pamphlet.

CHIPMAN

INSECTICIDES - FUNGICIDES - WEED KILLERS

Each Product With an Added Measure of Value

INSECTICIDES

HI-TEST LEAD ARSENATE. Contains 98.15% Di-Ortho Lead Arsenate; 32.50% arsenic oxide; only 0.25% water soluble arsenic. Safe to most foliage. Highly toxic to most chewing insects. Contains no adulterating impurities. 100-lb. drum, \$14.00; 4-lb. bag, 60c; 1-lb. bag, 20c.

CALCIUM ARSENATE. Contains over 40% arsenic oxide. Recommended to control chewing insects on cotton, potatoes, tomatoes and other hardy plants. 100-lb. drum, \$10.00; 4-lb. bag, 44c; 1-lb. bag, 15c.

CALGREEN. An improved form of air floating Paris Green combined with calcium arsenate. Noted for its quick killing power and superior adhesiveness. 4-lb. bag, 65c.

NICOTINE SULPHATE 40%. A highly efficient contact insecticide containing 40% nicotine. Kills aphids and other soft bodied insects. 50-lb. drum, \$40.00; 10-lb. tin, \$10.50; 5-lb. tin, \$5.85.

PARIS GREEN. Specially made for insecticide purposes. Quickly kills leaf-eating insects on potatoes, beets, cotton, tobacco, etc. Sticks to foliage. 1-lb. carton, 40c; 1/4-lb. carton, 15c.

CUBOR DUSTS. Non-poisonous rotenone dusts especially made for ground crops and chemically treated to preserve original toxicity and protect against decomposition and increase repellency. 1/2 of 1% rotenone, for cabbage and cauliflower insects; 100-lb. bag or drum, \$13.25; 4-lb. bag, 55c; 3/4 of 1% rotenone for Mexican bean beetles; 100-lb. bag or drum, \$14.25; 4-lb. bag, 60c.

FUNGICIDES

BORDEAUX MIXTURE. Contains 13% metallic copper. Controls scab, rust, rot, blight, mildew, leaf spot, anthracnose and other fungus diseases. 100-lb. drum, \$15.00; 4-lb. bag, 65c; 1-lb. bag, 20c.

COPPER-HYDRO "40". Contains 26% metallic copper. An improved fungicide for vegetables and fruits. Can be used as dust or spray alone or mixed with insecticides. 100-lb. bag, \$12.00; 4-lb. bag, 55c.

COPPER LIME DUSTS. Used for control of many fungus diseases on apples, grapes, potatoes, celery, etc. C-20 (20% monohydrated copper sulphate, 80% lime) 100-lb. drum, \$5.50; 100-lb. bag, \$5.00. C-30 (25% monohydrated copper sulphate, 75% lime) 100-lb. drum, \$6.00; 100-lb. bag, \$5.50.

MONOHYDRATED COPPER SULPHATE 98%. Used in making home mixed copper lime dusts to control many plant diseases. Contains 35% metallic copper. 200-lb. drum, \$20.00; 100-lb. drum, \$10.50; 12 1/2-lb. bag, \$1.80.

DRY LIME SULPHUR. The dry equivalent of liquid lime sulphur. Controls scale, insects blister and red mites, peach leaf curl, etc. 25-lb. drum, \$3.50; 5-lb. can, \$1.25; 1-lb. can, 30c.

COMBINED INSECTICIDES AND FUNGICIDES

BORDO LEAD. A combined insecticide and fungicide consisting of Bordeaux mixture and lead arsenate in convenient dry powder form. Ready for immediate use. Does not lose strength in storage. 100-lb. drum, \$16.25; 4-lb. bag, 75c; 1-lb. bag, 20c.

COPPER LIME ARSENATE DUSTS. Available in two standard combinations of calcium arsenate, monohydrated copper sulphate and lime for use on potatoes, tomatoes, beans, etc. C-70 (20% monohydrated copper sulphate, 20% calcium arsenate, 60% lime) 100-lb. bag, \$6.25; and C-80 (20% monohydrated copper sulphate, 25% calcium arsenate, 55% lime) 100-lb. bag, \$6.75.

CUBOR SULPHUR DUST. An effective combination of Cubor Dust (3/4 of 1% rotenone) with sulphur. Controls many insects and diseases of truck crops. Particularly effective on roses, 4-lb. bag, 65c; 1-lb. sifter top carton, 25c.

ATLACIDE
CHLORATE WEED KILLER

Apply as spray solution with sprayer or sprinkling can. Kills all weeds and grasses, by penetrating leaves, stems and roots. Eradicates poison ivy, quack grass, Bermuda grass, Canada thistle, bind-weed. 1 lb. treats 100 square feet. Safe. Non-poisonous. Odorless. 5-lb. tin, \$1.50; 15-lb. drum, \$3.50; 50-lb. drum, \$7.00; 100-lb. drum, \$13.50; 200-lb. drum, \$26.00.

CUBOR SPRAY POWDER. Just mix this dry powder with water to make a complete, effective, economical, non-arsenical spray that kills all types of aphids, plant lice, worms, bugs and other insects on flowers, vegetables, fruits and shrubs. 2-oz. canister makes up to 12 gallons of all-purpose spray. Leaves no harmful deposits on plants.

1/2-oz. packet, 10c;
2-oz. canister, 35c;
1-lb. canister, \$1.25;
4-lb. bag, \$3.20.



All prices quoted in this catalogue subject to change without notice.

INSECTICIDES

BLACK LEAF 40. For control of all soft-bodied insects such as Apple, Wooley and Cabbage Aphis, Lice on fruit trees, shrubs, garden and sweet peas, without injury to foliage. 1 oz., 35c; 5 oz., \$1.00; 1 lb., \$2.25; 2 lbs., \$3.25; 5 lbs., \$5.85; 10 lbs., \$9.85.

GREEN TOX 50. A standardized Rotenone-Pyrethrin Plant Spray. Kills plant lice, worms, bugs, etc., on flowers, plants, vegetables and shrubs. Harmless to people, pets and plants. 1 oz., 35c;

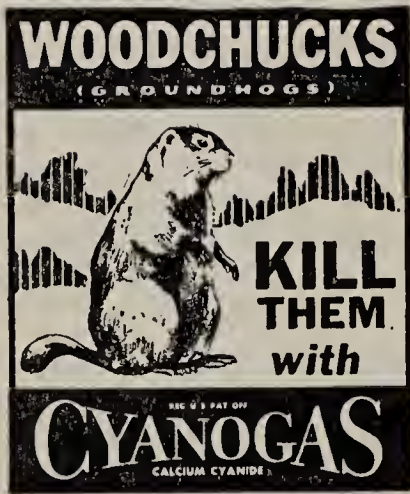
POMO-GREEN WITH NICOTINE. The Leaf Green All-in-One Dust or Spray. A complete insecticide and fungicide combined, practically invisible. It can be used effectively against both chewing and sucking insects (Aphis) and will control most of the diseases of flowering plants and shrubs. 1-lb. packages, 75c.

BUG DEATH. An effective Insecticide and Fungicide for killing certain plant eating insects. Contains no arsenic, paris green or other high poisons. No danger to man or beast. 1-lb. pkg., 20c; 5-lb. pkg., 75c; 12½-lb. pkg., \$1.35; 100-lb. bag, \$10.00.

Kill them with

CYANOOGAS

A Dust for Ants, Rats,
Mice, and Woodchucks



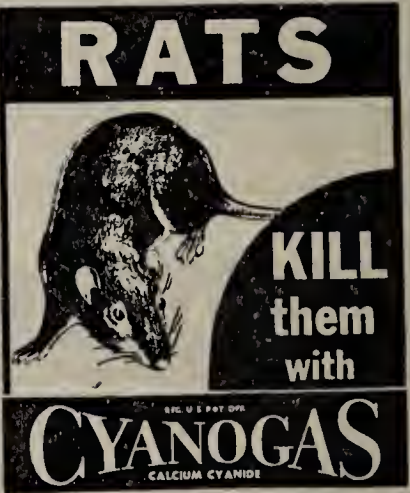
Woodchucks are very susceptible to the gas liberated by CYANOOGAS and only one whiff is enough to kill them. It penetrates all parts of the burrows—does not depend upon roaming or feeding habits of the woodchucks. Save horses and cattle from broken legs—eliminate their holes from your place by reducing the woodchuck population.

One fumigation with CYANOOGAS G-FUMIGANT permeates the entire house. Fumigate every week or ten days—regularity of treatment insures a clean house at all times. Ask for copy of “CYANOOGAS HANDBOOK FOR GREENHOUSES AND NURSERIES.”



CYANOOGAS ANT KILLER does not rely on feeding habits of the ants. It kills them with gas. The spouted 4-oz. can (enough to kill a million ants) is especially designed for treating ant nests in gardens and lawns.

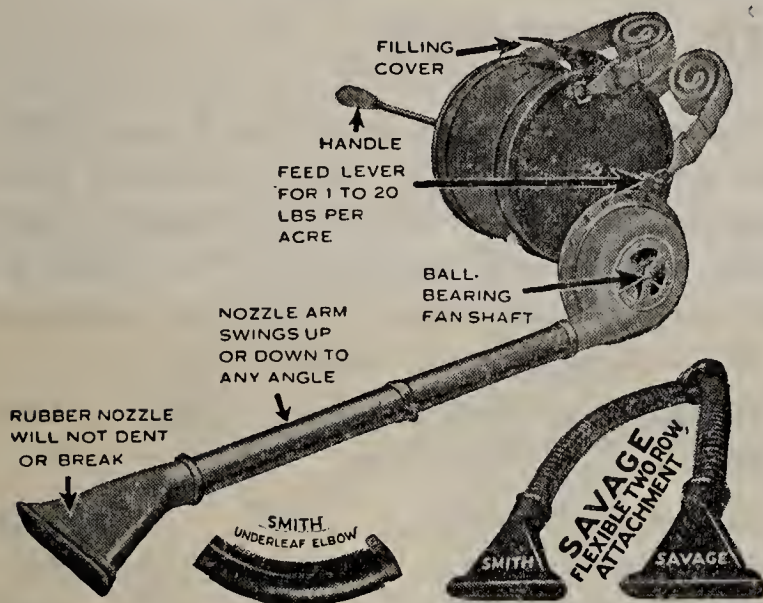
While rats can keep clear of baits and traps they cannot escape from CYANOOGAS. This makes CYANOOGAS the perfect rodenticide. Widely used throughout the world by farmers, warehousemen, Health Departments, Government Agencies, etc., etc.



4 oz. Ant Killer	\$.30	Mail
½ lb. A-Dust .....	.45	\$.38
1 lb. A-Dust .....	.75	.53
5 lb. A- or S-Dust	3.00	.83
		3.20

All prices quoted in this catalogue subject to change without notice.

Smith Savage Duster



**Handles Everything in Powdered Form—
A High-Grade, Well-Built Duster**

Highly adapted for dusting garden vegetables of every description, potatoes, shrubbery, tobacco plants, etc. Also handles Cyanogas.

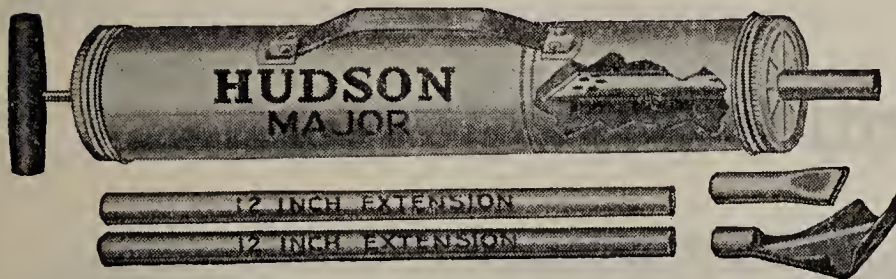
The SAVAGE is free running and easy cranking, has no brushes or wipers. Bronze and steel gears packed in grease, sealed in gear case, never require any attention. Fan shaft runs on ball bearings.

Built of the finest material and workmanship and made to stand long, hard service.

This duster is geared very high; slow cranking gives the desired distribution of the poison. It operates easier than any hand

duster on the market. The nozzle tube may be raised up or down for dusting short or tall plants or trees. Does not discharge poison in "chunks" or "gobs", but thoroughly breaks it up and dusts evenly. Feed lever may be instantly adjusted from 1 to 20 pounds per acre, a wonderful improvement over any duster. Built for actual field conditions—fool-proof and easy running. It will last for years. Write for price.

Hudson Major Duster



The MAJOR handles Paris Green, Arsenate of Lead, Calcium Arsenate and similar poisons very efficiently. It is used in the home garden, on truck plots, in cotton, potato and tobacco fields, in the dairy barn, around the poultry house, etc. Price, \$1.25; by mail, \$1.35.

Hudson Cadet Duster

The Hudson Cadet Duster is adapted for use with all insect powders. Because of its size and efficiency it is a favorite with the housewife in applying roach, ant and various bug powders. It is frequently used around restaurants, soda fountains, offices, stores, etc. Price, 50c; by mail, 60c.



felt filters, weight only 2¾ oz.

You should have one of these Respirators when dusting or painting.

Price each \$1.25

Dickey Bug Death Duster



For applying Bug Death dry to small flower or vegetable gardens. Price, 50c; by mail, 60c.



Respirator

"SNUGFIT"

Respirator is made in a light weight red rubber fitted with wider, more comfortable and easily replaceable adjustable elastic band with a fine im-

proved aluminum disc automatic valve adjustment.

Complete with sponge, fine gauze and

All prices quoted in this catalogue subject to change without notice.



Myers Kwikfill Compressed Air Sprayer

Special Features: The Concave Top forms an 8 inch Funnel. No time lost in filling—a time and money saver. The removable Discharge Tube on Hose Connection permit thorough drainage and cleaning of the Tank—adds many years of service. The Tank is made of heavy galvanized iron or brass, close riveted and soldered. Equipped with 45 degree Nozzle and 18 inch Brass Extension.

MYERS make one grade only and that the best. Built in two sizes, 2½ and 4 gallon capacity.

No. 2240	—2½ Gallon Galvanized Tank	.....	\$4.75
No. 2240B	—2½ Gallon Brass Tank	.....	8.50
No. 2242	—4 Gallon Galvanized Tank	.....	5.50
No. 2242	—4 Gallon Brass Tank	.....	9.50

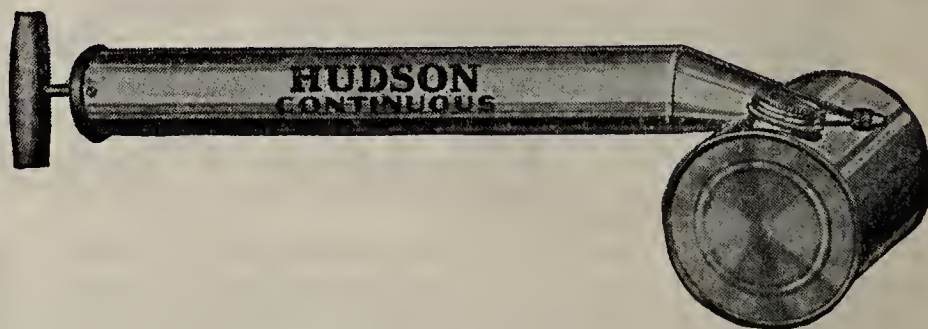
Utility Compressed Air Sprayer

NU-EEZ Fill Funnel Top—Cam-Lock Top. 3½ gallon capacity. Equipped with 18 inch Brass Extension and 45 degree Angle Nozzle.

No. 135	—Utility Galvanized Tank	.....	\$3.00
No. 135	—Utility Brass Tank	.....	5.25

Hudson Continuous Sprayer

The No. 432 Hudson Continuous Sprayer is an exceptionally sturdy outfit. Pump passes directly through the top of the tank and is securely soldered, preventing parts getting out of alignment. Handles all solutions which are sediment free. Produces a very finely divided continuous spray. Tank, 4 inches diameter, 4 inches long. Capacity approximately one quart. Price



Price75c

The No. 427G Critic Continuous Sprayer

meets the demand for a continuous sprayer with detachable container. Glass tank, capacity 24 ounces. Wide mouth makes filling, emptying and cleaning an easy task. Produces a very fine spray. Price

Price\$1.20

Hudson Handy Sprayer

Is adapted for use about the yard, garden, poultry house, etc. Capacity about a quart. Carefully made of good material, tested and inspected.

No. 440—Handy. Price35c

No. 9 Tin Sprayer

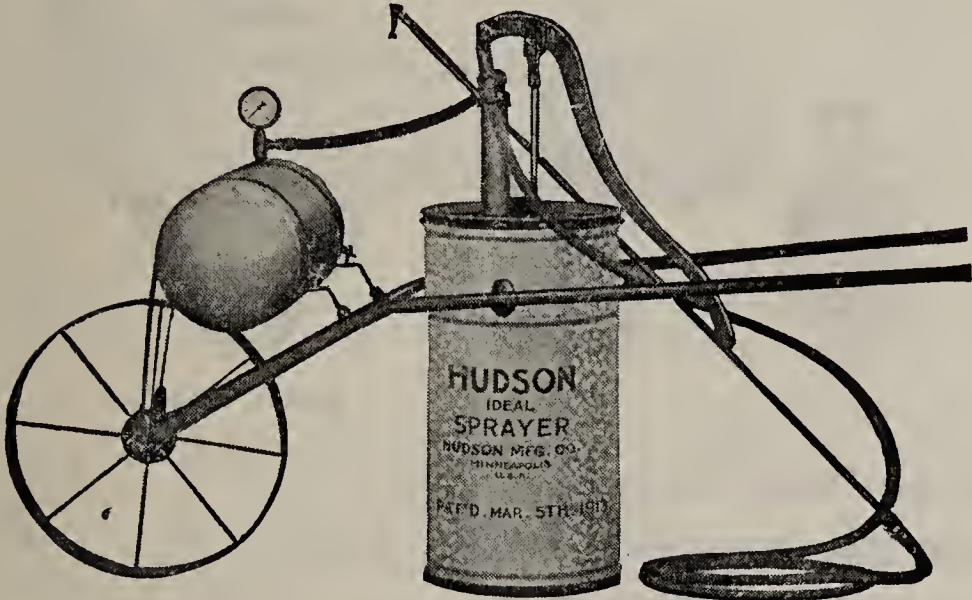
Handy around the house for spraying fly killers, disinfectants, etc., also for insecticides around the flower garden.

No. 9 Tank, 3 inches by 3 inches, capacity 10 oz.25c

All prices quoted in this catalogue subject to change without notice.

Hudson G2 1/2 Sprayer

The G2 1/2 Glass Jar Sprayer is a small, inexpensive model for household use. Capacity 3 1/2 oz. Permits safe use with solutions which attack tin and other metals. Price15c



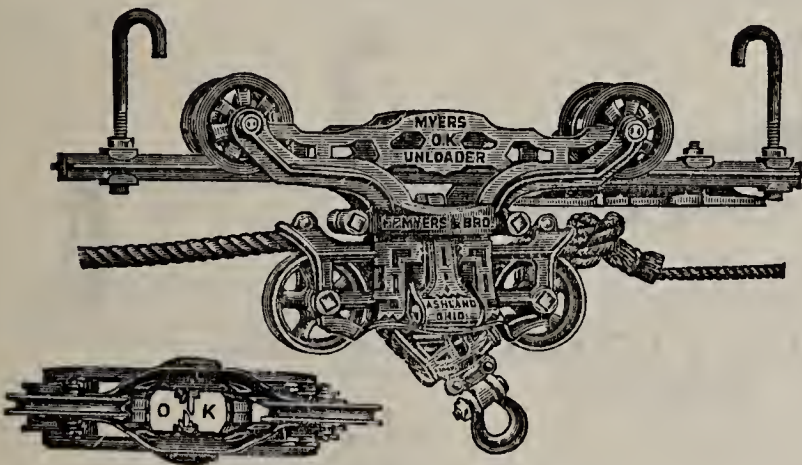
IDEAL SPRAY OUTFIT

This new model represents the very latest ideas in design, capacity, strength, and efficiency in Wheelbarrow Sprayers. The new larger diameter tank, corrugated for strength and appearance, with all danger of tipping eliminated; the special tubular non-clogging intake strainer and dasher agitator; the boiler iron air pressure chamber with its sturdy anchoring; the husky tubular steel frame with sturdy channel iron cross braces; the big wheel for

easy portability; all are important to its efficient performance. For white wash or other liquids with sediment, disconnect short hose from pump head to gauge and attach long hose directly to pump head.

- No. 35S—Complete with Pressure Tank and Gauge\$30.00
- No. 34S—Less Pressure Tank and Gauge 20.00

Myers Hay Unloading Tools



A test of over fifty years has demonstrated the superiority of the Myers Hay and Grain unloading tools. They are now universally known and acknowledged to be the best made, most practical, simplest in construction and they meet all requirements.

- No. 201—Myers O. K. Unloader for double steel track, standard sheaves. Price \$10.25
- No. 208—Myers O. K. Unloader with extra long truck and 7 inch sheaves for rope, is especially designed for heavy work. Price\$12.50

- No. 50—Hudson Carrier for 4 x 4 wood track. Price 10.00
- Myers Patent Double Steel Track. Price, per foot..... .23
- No. 302—Steel Track Hanger Hooks. Price each18



Double Harpoon Hay Fork

Hay Carrier Outfits

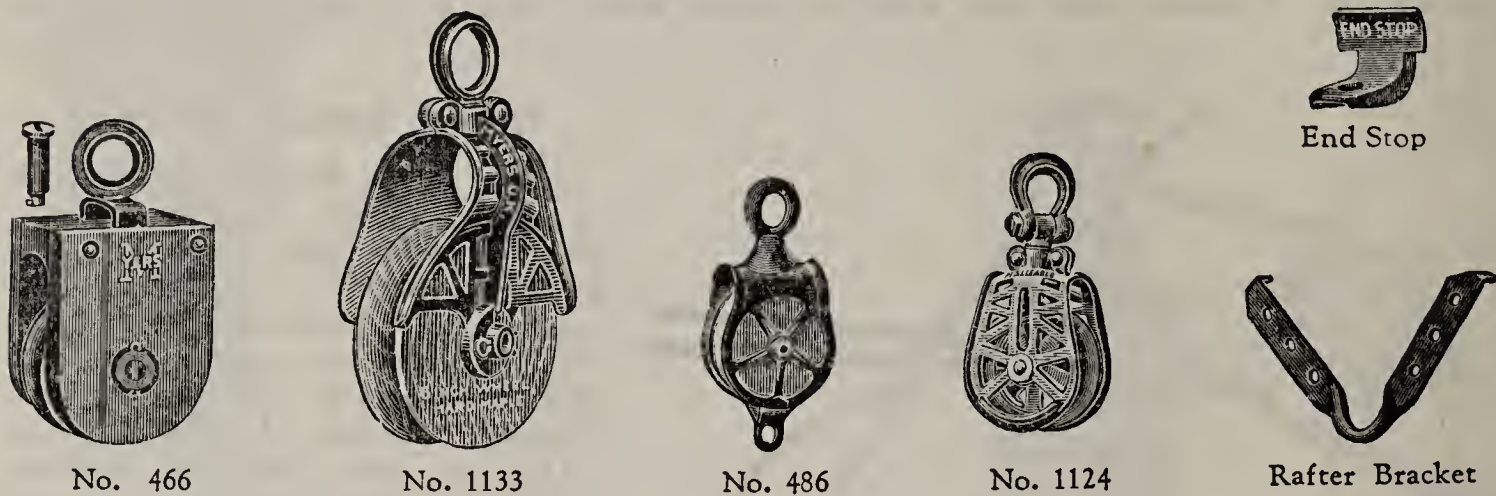
- 25 inch Double Harpoon\$2.50
- 31 inch Double Harpoon 2.75
- 31 inch No. 1314—Strongest and Stiffest Double Harpoon Fork on the market... 3.00
- No. 671—Lock Lever 6.50
- No. 773—Nellis Fork 5.00



GRAPPLE FORK

- 4 Tine \$10.50
- 6 Tine 12.00

PULLEYS



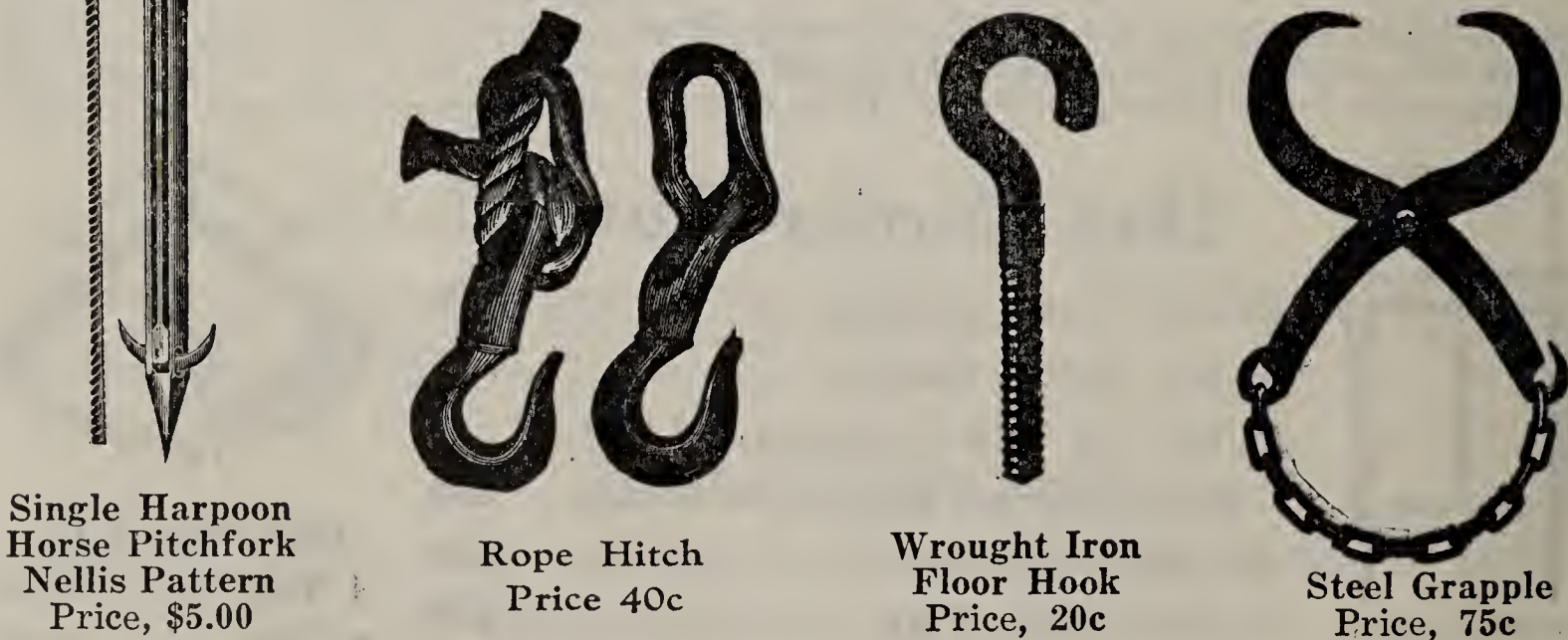
No. 466—O. K. Wood Pulley with Steel Yoke, 1-inch hollow axle.....	\$.75
No. 1133—Plain Pulley, 6-inch maple sheave, malleable frame.....	.65
No. 486—Floor Pulley with eye at the top to fasten up.....	.75
No. 1124—Fork Pulley with swivel clevis to fasten to fork.....	1.25
Rafter Brackets .....	.05
End Stop.....	.12

Haying Implements



THE LIGHTNING PATTERN HAY KNIFE
Solid Steel

Price\$1.75



Single Harpoon
Horse Pitchfork
Nellis Pattern
Price, \$5.00

Rope Hitch
Price 40c

Wrought Iron
Floor Hook
Price, 20c

Steel Grapple
Price, 75c

The Myers New-Way Giant Tubular Girder Track



Bird, Dust and Vermin Proof. Will carry an unusually heavy door.

With or Without Cover. Each piece of track provided with a hole through which the bearings can be oiled.

No. 17—Myers New-Way Giant Tubular Track in 4, 6 and 8 ft. lengths.....21c foot
Intermediate Brackets.....15c each End Brackets.....15c each
No. 18—Galvanized Cover in 4, 6 and 8 ft. lengths. Per foot12c

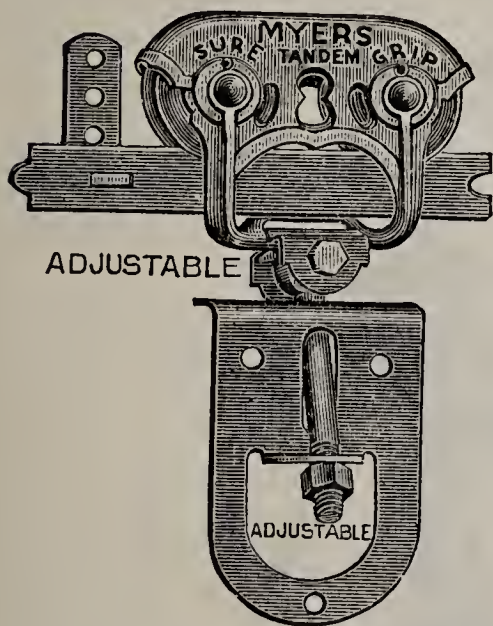
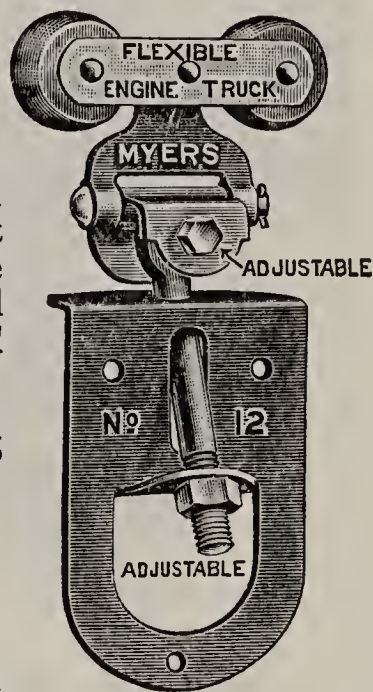
Myers New-Way Giant Adjustable Door Hanger

For Tubular Girder Track. Adjustable to and from building and to raise and lower door. To be used with or without cover—a most complete and satisfactory hanger. The rollers or track wheels are large in diameter, accurately machined from a solid piece of steel and fitted with hard steel roller bearings, revolving on large steel axles.

No. 12—Myers New-Way Giant Door Hanger, complete with bolts\$2.25



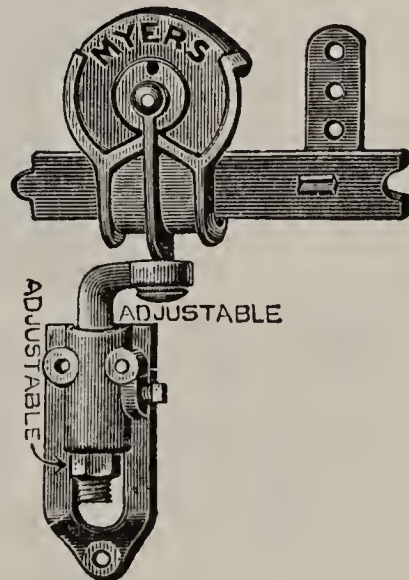
No. 860—Myers Heavy Steel Track. 4, 6, 8 and 10 ft. lengths.
Per foot10c



Myers Sure Grip Tandem Adjustable Door Hanger

The perpendicular and lateral adjustments are made with an ordinary wrench, and at the will of the user. Runs on No. 860 track.

No. 5—Sure Grip Hanger, complete with bolts. Per pair\$2.00



Myers Right Angle Garage Door Hanger

Rolls around the corner. For inside or outside doors on any building. Storm and weather proof. Designed especially for doors on barns, warehouses and garages where space must be considered.

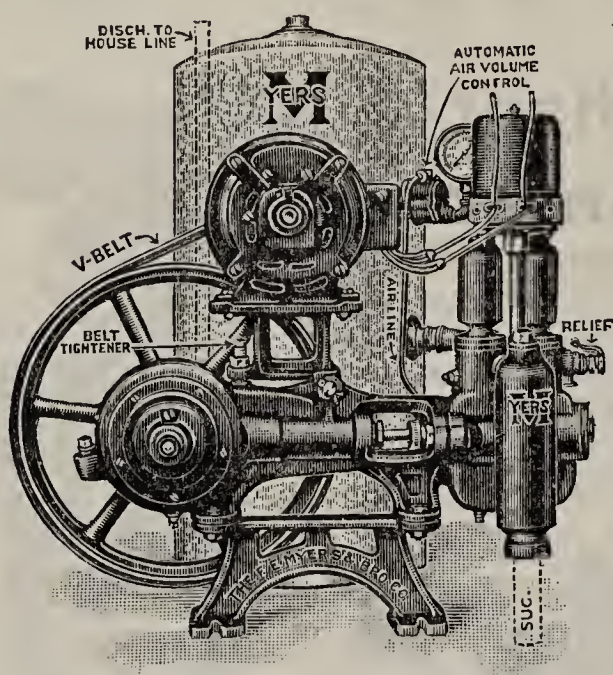
No. 27—Myers Adjustable Door Hanger with bolts. Per set of 3, \$3.00; each\$1.00

All prices quoted in this catalogue subject to change without notice.

MYERS WATER SYSTEMS

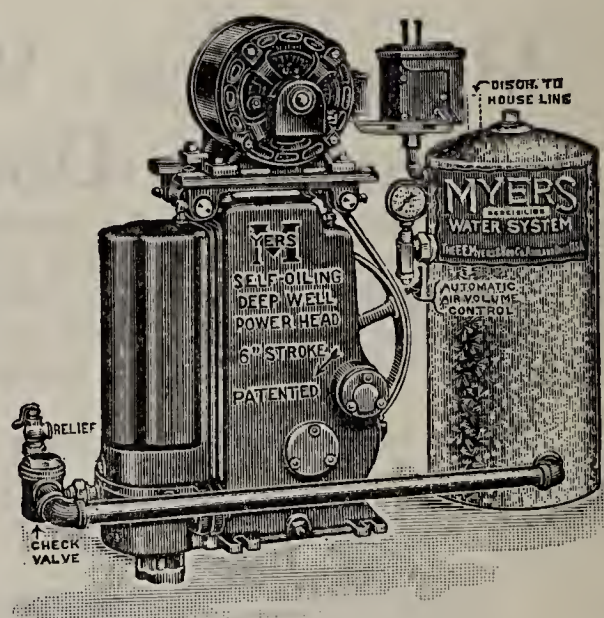
For Homes, Farms, Country Estates, Public and Private Institutions,
Golf Courses, Summer Camps, Service Stations, Etc.

MYERS PRICES HAVE BEEN CONSISTENTLY REDUCED
SINCE 1924—MYERS PRODUCTS HAVE BEEN CONTIN-
UALLY IMPROVED AND REFINED



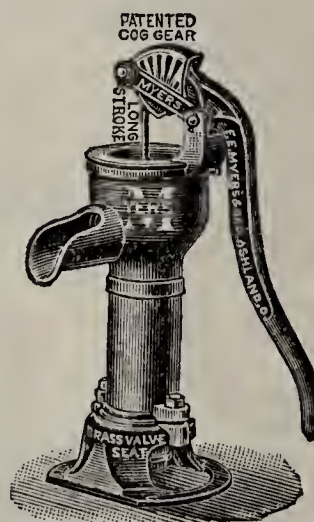
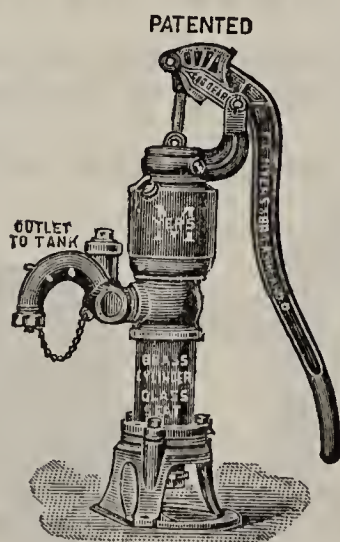
SHOAL WELL PUMPS

Capacities 250 to 9000
gallons per hour



DEEP WELL PUMPS

Capacities 160 to 10,000
gallons per hour



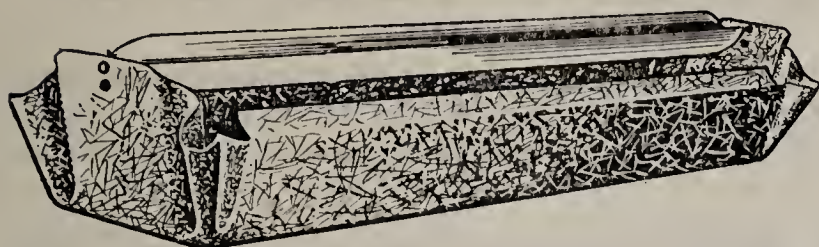
We also carry a full line of the celebrated MYERS HAND PUMPS
for shoal and deep well requirements

Send for Complete Catalogue of Pumps

All prices quoted in this catalogue subject to change without notice.

Modern Poultry Equipment

Beacon Bargain

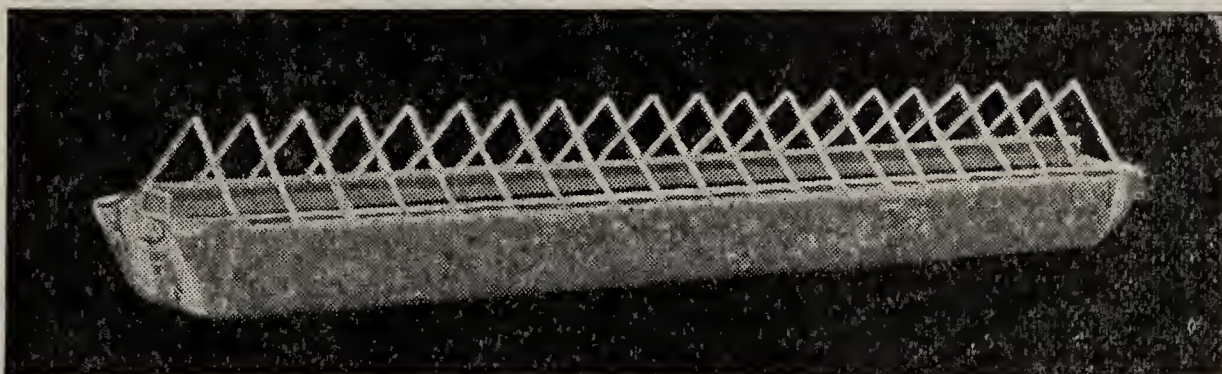


be used for either feed or water. Square bottom with tapered sides for center feed.

Model	Length Inches	Price Each	By Mail Each
F-0	12	\$.15	\$.25
F-1	18	.20	.30
F-2	28	.25	.35

Economy Champion

MODEL F-2G—
UTILITY
CHICK FEEDER



The BEACON LINE includes only a few feeders and waterers but they meet every need. All have been tested under actual Eastern farm conditions. The F-2G Feeder was built for those who prefer the grid type. It is easily cleaned and non-wasting. 56 inches of feeding space equally as good for watering. The baby chick outgrows most feeders in a few weeks. This Utility Feeder can be used at least two weeks longer. Grid wires correctly spaced. Easily attached or removed for cleaning. 4 inch wide trough.

Model	Length Inches	Price Each	By Mail Each
F-2G	28	\$.35	\$.45

HEAVY CHARCOAL TIN BUTTERMILK FEEDER

F-11	18	\$.45	\$.55
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Best of All Feeder

8 FEET FEEDING
SPACE



4 Vane Metal Reel
or Grid

ADJUSTABLE
NON-BREAKABLE REEL HOLDERS — WIDE
ENDS. 4½ INCH WIDE CENTER FEED —
NO WASTE

Model	Length Inches	Price Each	By Mail Each
F-73 Red Tumble-Bar	36	\$.68	\$.80
F-7 Red Tumble-Bar	48	.80	1.00
F-83 Grid Guard	36	.75	.90
F-84 Grid Guard	48	.90	1.05

Best of All Flock Feeders

10 FEET OF FEEDING SPACE

Built with a 21 inch high perch to prevent cannibalism. Also furnished with low stand 4 inches from bottom of feeder to floor. Flock Feeders should be high or low—intermediates are dangerous.

Model	Length Feet	Weight Lbs.	Resale Each
F-8 Low Stand	5	17	\$3.50
F-9 High Stand	5	30	4.50
F-10 High Stand	8	42	6.00

All prices quoted in this catalogue subject to change without notice.

The Best of All GROWING FEEDERS

Eight feet of Feeding Space. Sides slope for center feed. Rigid 26 gauge galvanized. Welded ends. Guard wires rightly spaced for birds from six weeks to maturity. Three hinges on guard. The Feeder that each year meets the universal approval of Practical Poultrymen.

Regular guard wire—spacing 1 5/8 inches. Feeder also furnished with 2 1/2 inch wire spacing to be used as a Flock Feeder. Also furnished with the “Beacon De Luxe Guard” which is the last word in a roost-proof guard. We have seen and used many feeders but this is the “BEST OF ALL.”

Model	Length Ins.	Guard	Price Each	By Mail Each
F-3	30	Regular	\$.85	\$1.00
F-4	48	Regular	1.35	1.55
F-4H	48	Hen	1.35	1.55

Sanitary Two-Piece Fountain FOR SMALL CHICKS

Truly a sanitary two-piece fountain. Ideal for small broods. In the house around the canopy or on the floor inside of battery. Scalloped pan prevents crowding. Pan snaps on and off easily. The ideal fountain for pigeons.

Model	Capacity Qts.	Price Each	By Mail Each
W-1S	2	\$.28	\$.35
W-2S	4	.40	.50



1936 LIFE-SAVER

Chick Fountain

Note the special design of pan with usual depth in center but only shallow water available for the chicks. The all-round pan provides maximum drinking space in this bottom fill fountain. The special recess in center of pan tends to seal edge of tank when inverting after filling and prevents splashing of water.



Model	Capacity Quarts	Price Each	By Mail Each
W-2 Drinking Space 28 ins.	4	\$.50	\$.65
W-3 Drinking Space 35 ins.	8	.80	.95

SIMPLICITY

Feeder and Waterer

14 inch Diam. 4 1/4 inches High Capacity 10 Qts.

Model	Carton	Weight Pounds	Price Each	By Mail Each
W-5	3	13	\$1.00	\$1.15



All prices quoted in this catalogue subject to change without notice.

Top Fill Fountain

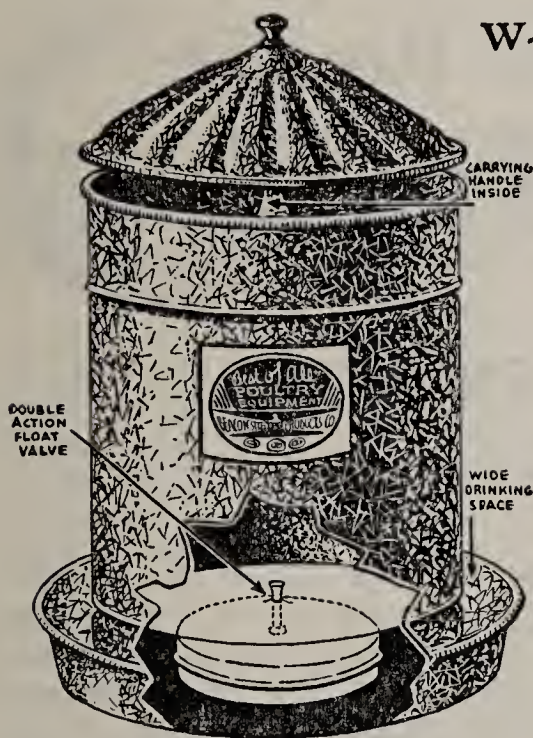
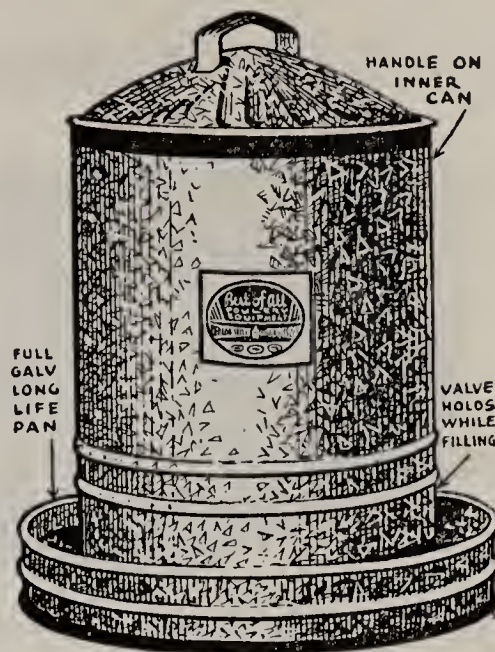
DOUBLE WALL

New non-roost top—convenient handles—improved valve—A new leader in the BEACON line. Special built pan with full thickness of galvanizing where protective coating of zinc is needed most.

It is a vacuum fountain and the operation is the same as others—it is only in the material and workmanship this fountain is different.

Fountains have sure-hold valve to retain water while tank is being filled. Inside handle for easy-carrying. 44 inches drinking space. On W-25, W-28.

Model	Capacity Gals.	In Carton	Price Each	By Mail Each
W-23	3	3	\$1.65	\$1.85
W-25	5	2	2.25	2.45
W-28	8	1	3.40	3.65



W-14

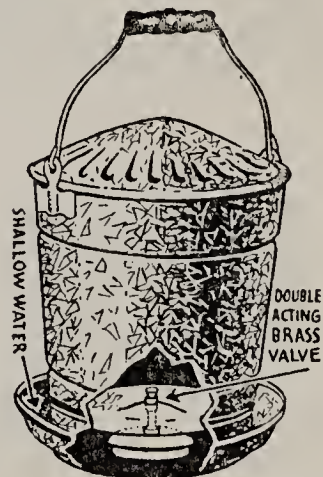
All Purpose Float Fountain

NEW NON-ROOST TOP

IMPROVED 1936 VALVE

Equipped with the famous Beacon "BESTOF ALL" valve—these fountains have reduced labor costs for hundreds of users. W-13, adapted for baby chicks, yet one of the largest poultry raisers in Maryland uses them exclusively on the range. The valve is all brass and double acting—no adjustments.

W-14, a new fountain in every feature; (heavy zinc coated) with a long life pan. As a result heavy galvanized coating will protect it months longer.



W-13

Model	Capacity	Price Each	By Mail Each
W-13	The Beacon 10 qt.	\$1.50	\$1.65
W-14	Fountain only, 5 gal.	2.25	2.45
W-14H	Fountain with Oil Heater	3.90	4.15
W-14HS	Fount., Stand and Oil Heater	5.25	5.55

BestofAll WAFER THERMOSTATS

Give the Incubators and Brooders a FAIR chance. The Wafer is the heart of the machine. Use "Bestof All" Wafers. They expand at low temperature.

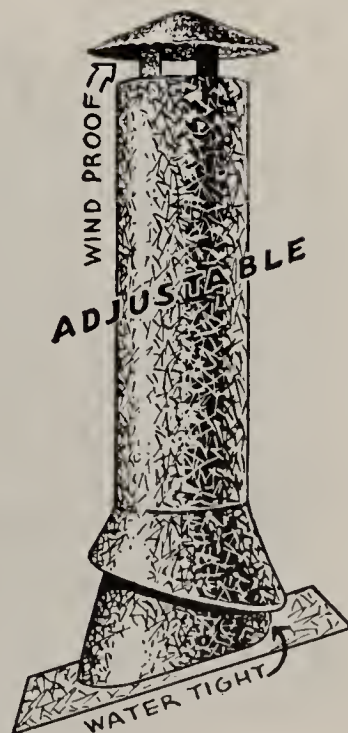


3 in. double brass plain stud . . .	25c
3 in. double brass screw type . . .	25c
4 in. double brass plain stud . . .	40c
4 in. double brass screw type . . .	40c

NEW—STRONG—SENSITIVE

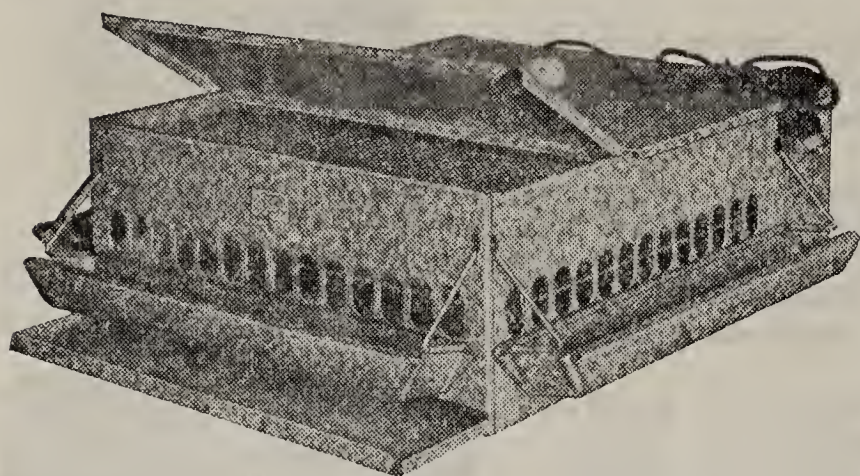
ROOF SADDLES

	Price Each	By Mail Each
Adjustable	\$1.35	\$1.50
Adjustable	1.45	1.60



All prices quoted in this catalogue subject to change without notice.

Contented Chick Brooder



All Metal No Cardboard

8 Inches High—Size 20 in. x 24 in. . .

The remarkable design has eliminated all bolts for easy assembly storage. Wire screen top for ventilation and display. Note all the valuable features in picture.

Model	Capacity	Price Each
B-2	Bulb Heated, 50 Chicks	\$4.50

These brooders are not automatic. They are heated with electric light bulb. Bulb NOT Furnished.

Economy Electric Battery Brooder

AIR FLOW design. Wonderful ventilation. Equipped with the “BESTOF ALL” quick break switch. 100 per cent automatic control. Capacity, 80 day-old, 50 4-weeks’ chicks. Model B1 Brooder, 200 watt.....\$8.95 B1 Rack, 38 x 32 x 68.....\$ 9.75
B1 Rack with 5 Brooders 49.50

BEACON COAL BURNING
Brooder Stoves

The choice of thousands of poultry raisers. Why? The Beacon Stove has greater efficiency. A big, heavy cast-iron stove built to last a lifetime. Large fuel capacity barrel correctly shaped. Ample size feed door for easy coaling. Built for either hard or soft coal. Double check draft. Two thermostats that really control on low temperatures. Non-clogging grates. Ash pan. Asbestos insulated base, also ventilated. Heavy gauge double hinged canopy.

Model	Canopy Ins.	Coal Capacity		Weight Lbs.	Size Chicks	Price Each
		Pounds				
A-15	52	40		100	500	\$16.15
A-16	56	60		120	750	19.15

A-11, A-12 Drum-Type Oil Brooders

Easily started, easily cleaned. Equipped with most efficient regulator ever designed. Float maintains correct oil pressure regardless of amount of kerosene in tank. Drum 24 inches diameter by 8 inches high. Fitted with safety overflow pipe.

Model	Size Chicks	Price Each
A-11—42 inch diameter	500	\$15.75
A-12—52 inch diameter	750	17.95

Hoef Automatic Oil Burning Brooder

Hoef Automatic Oil Burning Brooder with Thermostatic Control, burns ordinary kerosene oil and gives a steady, clean and uniform heat without fumes or odor.

Model	Canopy Ins.	Size Chicks	Price Each
No. 227	52	500	\$12.00

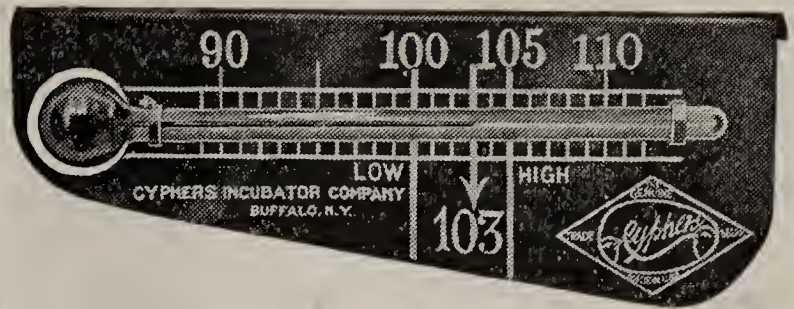
Incubator and Brooder Thermometers

These thermometers are thoroughly and expertly tested before leaving the factory.

Price, 75c each. By Parcel Post, postpaid, 80c each.

BROODER THERMOMETERS

Price, 50c each. By Parcel Post, postpaid, 55c each.



The Triumph Caponizing Set

There is no doubt in the minds of up-to-date poultrymen as to the advantages of caponizing. The operation is very simple. With a "Triumph Caponizing Set" anyone can perform it with safety and thoroughness. Price, postpaid, per set, \$3.00.



Colored Spiral Leg Band

These leg bands are made in 9 different colors: Black, Buff, Dark Blue, Light Blue, Pink, Red, White, Green and Yellow. No. 1 for Asiatic, large fowl and turkeys; No. 2 for American breeds; No. 3 for Mediterranean breeds; No. 5, day old chicks.

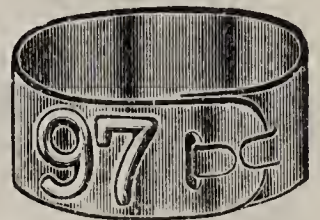
Prices, postpaid: 1 dozen, 15c; 2 dozen, 25c; 50, 40c; 100, 75c.

DOUBLE CLINCH, No. 3, for American females. Made of aluminum with large raised numbers. Numbered from 1 to 100.

Prices, postpaid: 1 dozen, 15c; 2 dozen, 25c; 50, 40c; 100, 75c.

ADJUSTABLE. Made of aluminum with strong and secure fastenings and raised figures. Numbered from 1 to 100.

Prices, postpaid: 1 dozen, 15c; 2 dozen, 25c; 50, 40c; 100, 75c.



Poultry Killing Knives



Large wood handle with three-inch finely tempered high grade steel blade. On account of the size of the handle it is very convenient to use. Price, 40c; p.pd. 50c.

Queen City Egg Case

The most popular egg case in the market, with patent hinges and fastener. Made of selected lumber and very thoroughly made. Very strong and durable.

These egg cases are made to conform to the express companies' requirements, having **Extra Deep Fillers** to accommodate extra large eggs and **Safety Egg Cushion Egg Flats** to prevent breakage.

8 Dozen Case.....\$1.35

15 Dozen Case..... 1.85

30 Dozen Case..... 2.25

EGG CASE FILLERS. For 30 Dozen Case, 40c; 15 Dozen Case, 25c; 8 Dozen Case, 20c. Prices on large lots on application.



All prices quoted in this catalogue subject to change without notice.

Sell Eggs By Mail

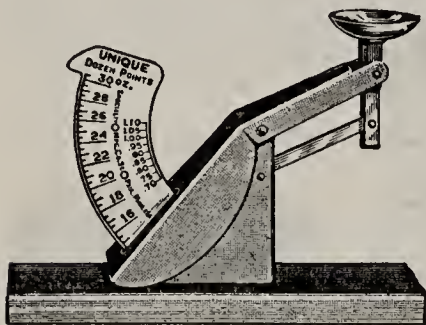
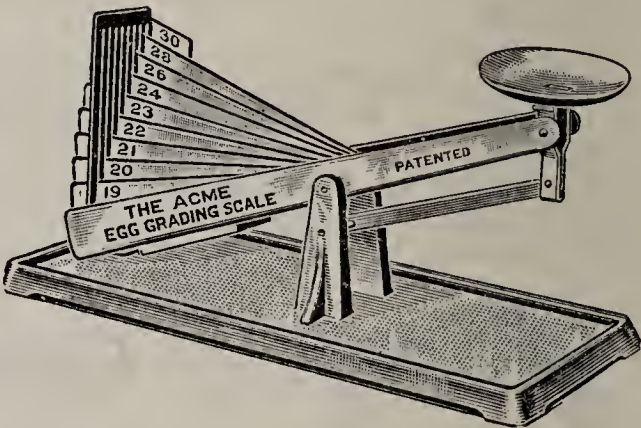
Shipped in Aluminized Metal Egg Crates—Indestructible. Will last many years. The Metal-Edge Filler is the very best for service and safe carrying of eggs. Light in weight and very strong. 1 dozen size, \$1.00; 2 dozen size, \$1.50; 3 dozen size, \$1.75; 4 dozen size, \$2.00; 6 dozen size, \$2.50.

NEST EGGS. Opal Nest Eggs40c per dozen

The Acme Egg Grading Scale

Automatic—Accurate—Convenient

The most popular Egg Grading Scale on the market. Graded eggs mean a higher market value. Price, \$2.35. By mail, \$2.45.



The Unique Egg Grading Scale

Leader in the Low Price Field. FAST—AUTOMATIC—EASY READING—ACCURATE—DEPENDABLE.

Price\$1.25 By Mail.....\$1.35

Egg Preservative—Water Glass

Saves money and helps keep down the high cost of living. Put your eggs down in the spring, when they are cheap and keep them fresh for winter use.

- 1 Pint, 20c—will put up 8 to 10 dozen eggs
- 1 Quart, 30c—will put up 16 to 20 dozen eggs

GRAYLAWN FARM LOUSE-CHASE

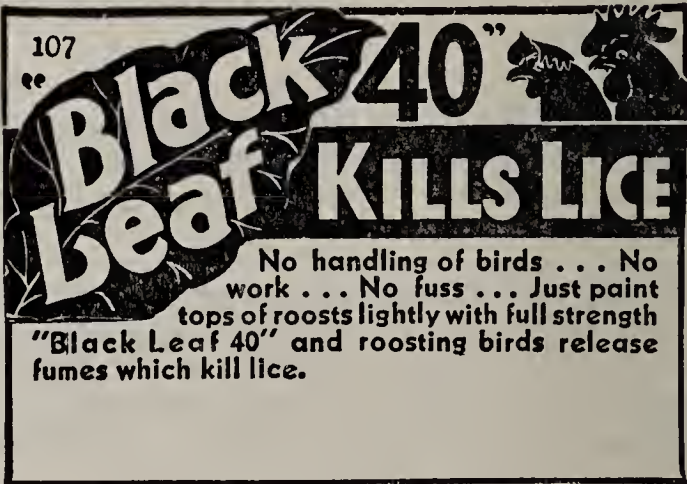


For all farm animals. "Kills the lice or costs you nothing."

Sure—Safe—Economical. Guaranteed to kill if used as directed.

GRAY LAWN LOUSE CHASE

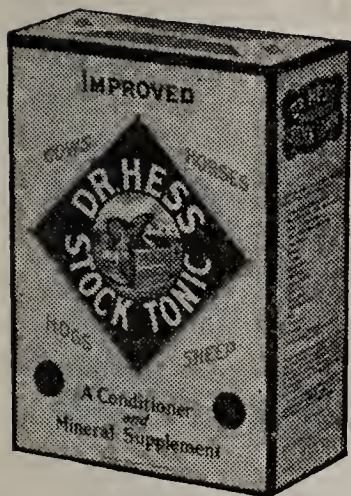
- Large size,
22 oz.\$1.00
By Mail, 10c
- Medium size,
12 oz.\$.65
By Mail, 8c
- Small Size,
5 oz.\$.40
By Mail, 8c



BLACK LEAF 40

- 1 oz. Bottles\$.35
- 5 oz. Bottles 1.00
- 1 lb. Tins 2.25
- 2 lb. Tins 3.25
- 5 lb. Tins 5.85

The Dr. Hess Products



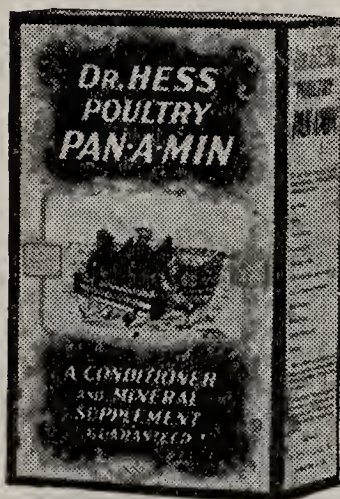
DR. HESS STOCK TONIC. Used with success for more than 40 years; now improved in keeping with latest tested and proven feeding practices. Minerals needed by heavy producing dairy cows have been increased;

whets appetite; sustains milk flow well through lactation period. Valuable at calving time; increase profits from steer feeding; puts horses and mules in condition.

100 lb. Drums	\$8.50
25 lb. Pkg.	2.50
15 lb. Pkg.	1.75
5 lb. Pkg.	.65
3 lb. Pkg.	.45

DR. HESS POULTRY PAN-A-MIN.

Known to poultry raisers for 40 years as Dr. Hess Poultry Pan-a-ce-a; now greatly improved by the addition of minerals needed for quick feather growth; starts pullets and moulted hens to laying. Its tonics promote appetite; keeps hens healthy; does not take the place of feed—but no feed can take the place of Pan-a-min.



100 lb. Drums	\$8.50
25 lb. Pkg.	2.50
15 lb. Pkg.	1.75
7 lb. Pkg.	.85
3 lb. Pkg.	.45
1½ lb. Pkg.	.25



DR. HESS INSTANT LOUSE KILLER. Kills lice on stock and poultry, bugs on cucumber, squash, melon vines—slugs on rose bushes. Put it in the hens' dust bath. They will work it down into the feathers where the lice are. If badly infested apply direct to animal's or fowl's body. May be used on edible plants with safety. In handy sifting top cans.

2½ lb. Pkg.	50c
1 lb. Pkg.	25c

DR. HESS POULTRY TABLETS. Valuable in treatment of Roup; slightly astringent, non-irritating and healing. Used as a local antiseptic and to medicate drinking water. Aids in preventing disease. Once dissolved the solution needs no further stirring.



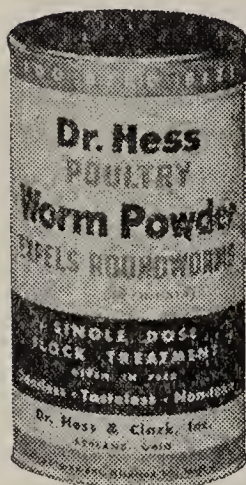
Package of 100 Tablets,	50c
Package of 45 Tablets,	25c



DR. HESS CHICK TABLETS. Effective for diarrhoeal discharges of both baby chicks and grown birds; a bowel astringent given in drinking water. Once the tablets are in solution they remain so indefinitely. The water is thoroughly medicated and is all good until used.

Package of 100 Tablets,	50c
Package of 45 Tablets,	25c

The Dr. Hess Products

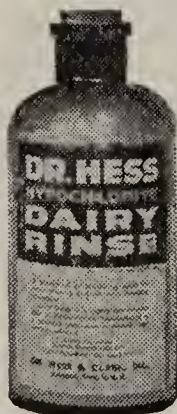
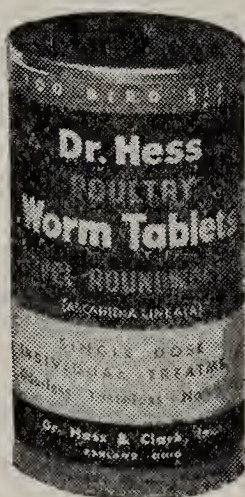


DR. HESS POULTRY WORM POWDER. A proven single-dose flock treatment for round worms. Given in mash the expulsion of worms starts in a few hours and is usually completed in from 24 to 36 hours. No fasting or laxatives required. Does not check egg production.

- 2½ lb. Pkg., 1000 Bird Size.....\$5.40
- 1¼ lb. Pkg., 500 Bird Size..... 3.00
- 10 oz. Pkg., 250 Bird Size..... 1.90
- 4 oz. Pkg., 100 Bird Size..... .90
- 2 oz. Pkg., 50 Bird Size..... .50

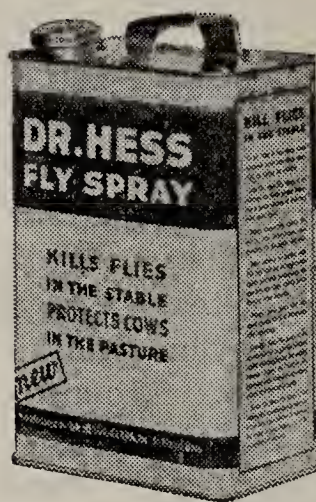
DR. HESS POULTRY WORM TABLETS. The active ingredients of DR. HESS POULTRY WORM POWDER in tablet form for individual treatment.

- 1000 Tablets, \$6.50
- 500 Tablets, 3.50
- 250 Tablets, 2.00
- 100 Tablets, 1.00
- 40 Tablets, .50



DR. HESS HYPOCHLORITE DAIRY RINSE. A germicide and bactericide in powder form for dairy utensils and all milk handling equipment. Used also for deodorizing sinks, refrigerators and food containers of all kinds.

- 1 lb. Bottle\$2.00
- 6 oz. Bottle 1.00



DR. HESS FLY SPRAY. For horses, mules, cows, steers and all farm stock. Stainless, and the results of 20 years of tests and research. Keeps animals at ease while grazing and kills flies in stables. Use it on your cows

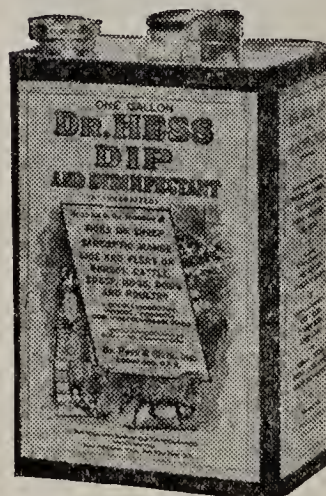
and get more milk. Brings a pure pleasant odor to barns and stables.

See your dealer for new low prices in one gallon cans and in bulk.

DR. HESS UDDER OINTMENT. A penetrating, soothing emollient for bruised, caked or swollen udders, cracked or chapped teats and other bruises or superficial injuries.



- 7 oz. Can.....50c



DR. HESS DIP AND DISINFECTANT. A high-grade standardized insecticide with an established carbolic acid co-efficient. Always uniform in strength; emulsifies without streaks or settlings and stays that way indefinitely. Kills

foul odors. For sheep, horse stables, dairy barns, hog pens, poultry houses, dog kennels, and general disinfecting.

- 1 Gallon Cans\$1.50
- ½ Gallon Cans90
- 1 Quart Cans50

Mastery In Paints

MASURY

Since 1835



Four generations of Masury Paint Craftsmen have pledged themselves to the manufacture of the finest quality paint that skill and knowledge can produce.

MASURY'S LIQUID HOUSE PAINT

For exterior and interior house painting. An excellent working paint with extreme durability, with a spreading rate of 350 square feet, two coats, to each gallon. Uniformity of shade is assured, each color being made from its own tinted base. Every can bears a formula. Masury Liquid House Paint is the standard of Safety and Economy in paint buying.

	1 Gallon	½ Gallon	1 Quart	Pints
Regular Shades	\$3.15	\$1.75	\$.95	\$.55
White for Inside and Outside	3.30	1.85	1.00	.60
French Green	4.10	2.25	1.20	.70
Maroon, Bottle Green, Bronze Green ...	3.25	1.85	1.00	.60

MASURY'S SEMI-PASTE HOUSE PAINT

When one gallon of Raw Linseed Oil is added to one gallon of Masury's Semi-Paste House Paint, two gallons of good bodied, solid covering, easy working house paint are obtained. It is not necessary to add dryers as there are sufficient in the mixture to take care of a gallon of linseed oil.

	Gallons	Quarts
Regular Shades	\$3.50	\$1.05
White	3.65	1.10

MASURY'S STEADFAST HOUSE PAINT

A pure linseed oil paint for exterior or interior. It is medium priced and suitable for ordinary work.

	Gallons	½ Gallons	Quarts
Regular Shades	\$2.20	\$1.30	\$.75
White for Inside or Outside	2.35	1.35	.75

MASURY'S PORCH FLOOR AND DECK PAINT

A solid covering, heavy bodied varnish paint, exceedingly hard, but with a maximum of elasticity, suitable for application to the floors of porches, both inside and outside. It will cover 550 square feet per gallon.

	Gallons	½ Gallons	Quarts	Pints
Regular Shades	\$3.30	\$1.85	\$1.00	\$.60
White	3.45	1.95	1.05	

MASURY'S PERFECTION FLAT WHITE AND COLORS

Your walls will remain with you long after the paint price is forgotten. Use a paint you can trust. These flats are attractive, washable, and durable. They can be used as an enamel undercoat or underbody and are recommended for that purpose.

	Gallons	½ Gallons	Quarts	Pints
White and Colors	\$2.50	\$1.45	\$.80	\$.45



Remember — Poor Paint — Is Not Cheap Paint

All prices quoted in this catalogue subject to change without notice.

Quality Paints **MASURY** For 100 Years



MASURY'S QUICK DRYING COLOR VARNISH ENAMEL

This enamel works easily, covers well, flows perfectly and dries with a full high gloss. It dries in 4 hours, dust free in one hour. For use on all surfaces, interior and exterior. A willing hand—a brush—a can of Masury's Quick Drying Color Varnish Enamel and Presto—a brand new piece to brighten up that dull corner.

	Quarts	Pints	½ Pints	¼ Pints
White and Colors . . .	\$1.60	\$.90	\$.55	\$.35
Brilliant Red	1.75	1.00	.60	.35

MASURY'S INTERIOR GLOSS FINISH

For walls or woodwork, brushes easily, and when dry and firm will stand repeated washings with ordinary soap and water. On account of its easy brushing, it is particularly usable on large surfaces. Very satisfactory for one coat application where it has been painted before.

	Gallons	Quarts	Pints
White and Colors	\$2.60	\$.85	\$.50

MASURY'S ALL PURPOSE BLACK 1001 USES

This product dries in four hours, and can be successfully applied on any kind of surface where a brilliant, high gloss, jet black finish is desired.

	Gallons	½ Gallons	Quarts	Pints	½ Pints
Per Gallon	\$2.30	\$1.25	\$.70	\$.40	\$.25

MASURY'S NOMAR VARNISH STAIN

This product is suitable for both exterior and interior use and is made in five shades. They are made for all purposes where it is desirable to retain the grain of the wood. They stain and varnish in one operation and are easily applied to old or new wood.

	Quarts	Pints	½ Pints
Five Colors, all	\$1.30	\$.75	\$.45

MASURY'S NOMAR VARNISHES

	Gallons	½ Gallons	Quarts	Pints	½ Pint
Cosmolac	\$5.95	\$3.10	\$1.65	\$.95	\$.55
Elastic Spar	6.30	3.35	1.80	1.05	.60
Quick Floor	4.95	2.65	1.40	.85	.50
Amber Floor	3.55	1.95	1.05	.65	.40
Durable Interior	3.05	1.70	.95	.55	.35
Egg Shell Gloss	4.95	2.60	1.40	.85	.50
Four Hour Spar	2.90		.90	.55	
Liquid Dryer	2.40	1.35	.80	.50	.30

The above is only a very small part of our regular Masury line. We try to carry a complete line of Painters' and Paper Hangers' Tools and Supplies. We Welcome Your Inquiries.

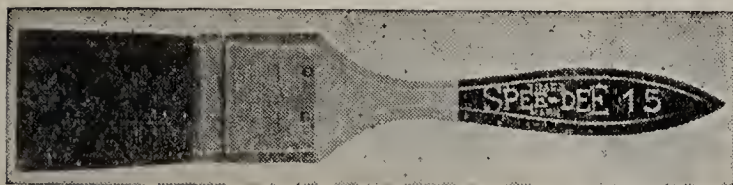
REMEMBER—The best looking houses in your town are painted with MASURY'S Liquid House Paint, and stay the BEST LOOKING houses.

All prices quoted in this catalogue subject to change without notice.

HANLON & GOODMAN COMPANY

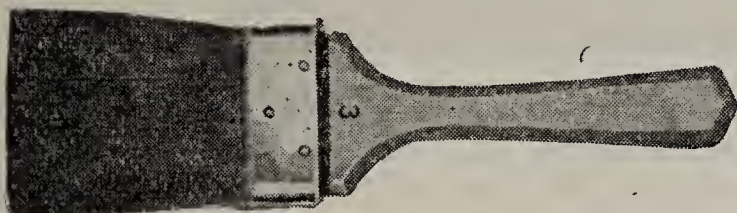
BALANCED RUBRISTO BRUSHES

BALANCED TO FEEL RITE—WARRANTED TO WORK RITE



SPEED DEE Chiseled Flat Varnish

Width	1 in.	1½ in.	2 in.	2½ in.
Length of Bristle ..	2 in.	2 in.	2 in.	2½ in.
Price Each	\$.10	\$.15	\$.20	\$.25



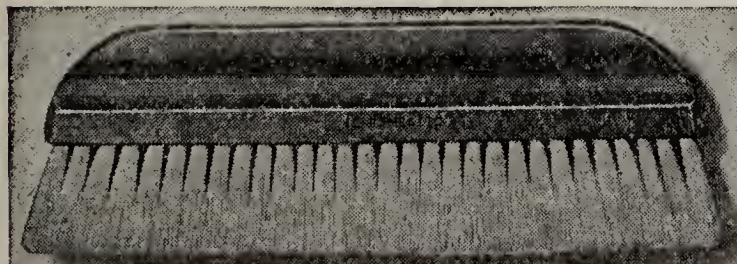
DIXIE Chiseled Flat Varnish

Width	1 in.	1½ in.	2 in.	2½ in.	3 in.
Length of Bristle	2½ in.	2½ in.	2¾ in.	3 in.	3¼ in.
Price Each	\$.35	\$.40	\$.50	\$.65	\$.90



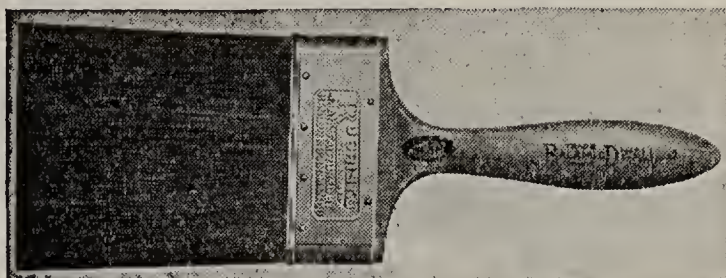
UKALO KALSOMINE, No. 60 Black Chinese Bristle

Width	5½ in.
Length of Bristle	3½ in.
Price Each	\$1.25



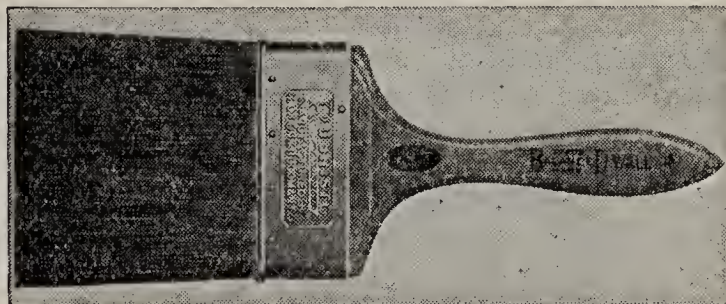
PAPER HANGERS' SMOOTHER Two Rows White Fibre

Width	10 in.
Length of Bristle	2 in.
Price Each	\$.40



No. 23 WALL Beaver Tailed Handle, Selected Chinese Bristles

Width	3 in.	3½ in.
Length of Bristle	4 in.	4¼ in.
Price Each	\$1.50	\$2.00



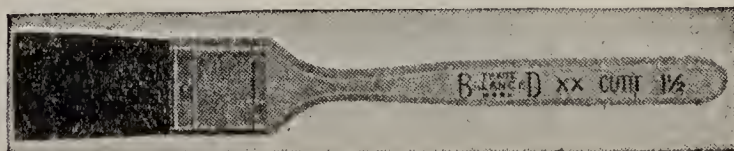
BUYIT WALL Selected Black Chinese Bristles

Width	3 in.	3½ in.
Length of Bristle	3 in.	3¼ in.
Price Each	\$.75	\$1.00



PERFECTO WALL A Practical Brush for Home Amateur Selected Black Bristle

Width	3 in.	3½ in.
Length of Bristle	3¼ in.	3½ in.
Price Each	\$.90	\$1.15



FLAT TRIM SASH Plain Handle, Long Style, Black Chinese Bristle

Width	1 in.	1½ in.	2 in.
Length of Bristle	2¼ in.	2¾ in.	2⅝ in.
Price Each	\$.30	\$.40	\$.55

All prices quoted in this catalogue subject to change without notice.

De Laval Cream Separators

A Size and Style for Every Need and Purse

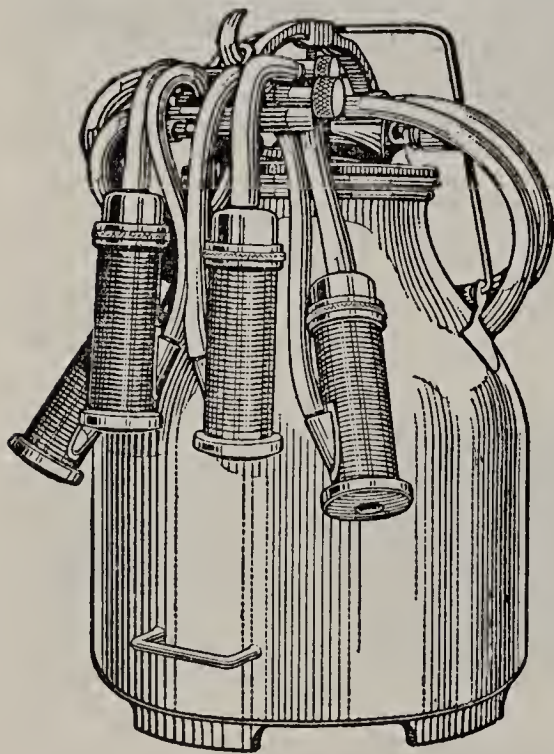


5 SIZES. **4 SIZES** **5 SIZES** **3 SIZES**

GOLDEN SERIES **STERLING SERIES** **JUNIOR SERIES** **ELECTRO SERIES**

The World's best cream separators Exactly like Golden Series except a few non-essentials The World's best low priced separators First all electric cream separators

De Laval Separators have always been famous for their clean skimming, long wear and easy turning, and enjoy a reputation never equalled by any other make. We recommend De Laval Separators because we know they are the best and because there is a size and style for every need and purse.



De Laval Milkers

THE MAGNETIC

The De Laval Magnetic Milker is called by thousands of dairymen the world's best method of milking cows. It is the only milker with magnetic pulsation control—simple and uniform in action, reliable and dependable in operation. It milks fast and clean, can be operated by anyone regardless of age or experience, is easy to wash and keep clean and produces cleaner milk. Many of the world's highest producing cows are milked with De Laval Magnetics, and the De Laval Magnetic Milker is used by leading dairymen including all dairy herds owned by the U. S. Government Department of Agriculture. Outfits can be had for one to 1,000 or more cows for operation by gas engine or electric motor.

THE UTILITY

The De Laval Utility Milker is the best milker of its kind and is ideal for the small dairyman or for those to whom low price is an essential consideration. Thousands of Utility Milkers are already in use, giving splendid satisfaction. Supplied with single or double units. Units may be had separately for use on single pipe line installations of other makes for the purpose of providing better milking.

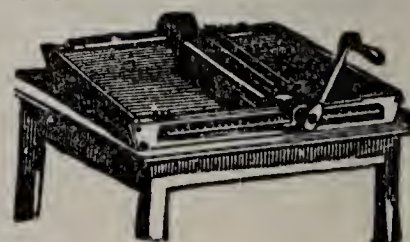
WE ARE AUTHORIZED AGENTS FOR DE LAVAL CREAM SEPARATORS AND MILKERS

Call or write for descriptive Catalogue and prices

Reid's Patent Butter Worker

This machine is very efficient in its work, simple in its construction, and convenient to handle. It consists of a tray and a roller with paddles, which is turned by a crank, and traverses from end to end of tray. The machines are all built of the best material; the iron part is galvanized, preventing rust.

No.	Size	Capacity	Price
1	23 x 36 in., 2½ in. deep, inside	50 lbs.	\$22.00
2	20 x 36 in., 2½ in. deep, inside	30 lbs.	19.00
3	17 x 27 in., 2½ in. deep, inside	20 lbs.	17.00



All prices quoted in this catalogue subject to change without notice.



SUPERIOR MILK STRAINER AND FILTER

As there are no seams, solder nor welds in this strainer, it offers a perfectly smooth surface to the contents. Consequently there are no hidden recesses for bacteria to gather and contaminate the milk.

12 Quart Size\$2.00
20 Quart Size 2.85



EZY-FLO FILTER DISKS

Ideal Ezy-Flo Filter Disks will filter milk in an average of one-half the time required by ordinary disks. Public demonstrations in leading dairy centers, under supervision of Certified Public Accountants, city and state milk officials and dairy research engineers bear out the speed and accuracy tests of Ideal Ezy-Flo. Reduces bacteria contamination.

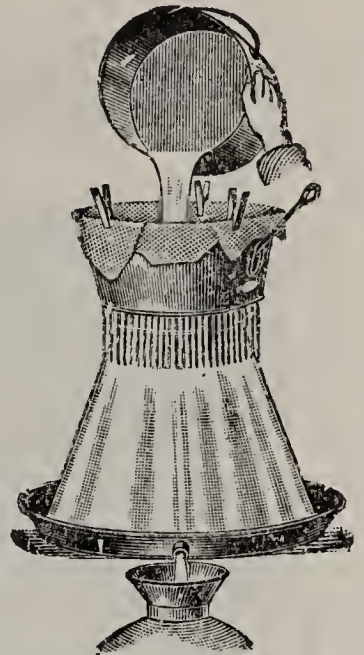
Prices in carton of 300 disks

6 in.
Plain Finish\$1.00
One Side Gauze 1.25

MILK OR CREAM CANS

10 Gal.—Umbrella Top, Solid Handle, Heavy Steel Tinned.
5 Gal.—Umbrella Top, Solid Handle, Heavy Steel Tinned.
3 Gal.—Heavy Tin with Bale Handle.
2 Gal.—Heavy Tin with Bale Handle.
1 Gal.—Heavy Tin with Bale Handle.
Prices on application

CHAMPION MILK COOLER AND AERATOR



This is a perfect Aerator, removing flavors arising from excessive cabbage, turnip, or silo rations.

It is a complete Deodorizer, removing the animal heat or cowy taste and all odors arising from the absorption by the milk of stable or other unpleasant gases.

It is a thorough Cooler, reducing the temperature of the milk in one minute nearly to the temperature of the cooling medium.

No.	Capacity	Takes care of	Price
2	18 Qts.	3 Milkers	\$ 8.50
3	34 Qts.	5 Milkers	10.00

MILK or CREAM BOTTLES

The "Common Sense" Bottle, capped by a strong, clean paper cap, is the best, as it can be washed absolutely clean, and no taint is possible in milk put up in these bottles.

	Price per doz.
½ Pint Common Sense	\$.60
1 Pint Common Sense .....	.75
1 Quart Common Sense .....	.90
Special prices on full case lots	



MILK BOTTLE CAP

No. 2 Standard—stock print in 1,000 pkgs., \$.50, by mail \$.62.
No. 2 Sure Pull—stock print in 1,000 pkgs., \$.55, by mail, \$.67.
Prices on 25,000 or more (special printing to order) on application.



THE DAZEY ELECTRIC

MAKES CHURNING A PLEASURE

Adding electric power to a churn which already holds leadership as a butter maker, establishes the Dazey Electric as the most perfect churn obtainable.

The Dazey makes butter in just a few minutes. But patented principles present many advantages besides making the butter come quickly. Valuable butter-making properties in the cream, which are usually lost with ordinary churns, are all saved by the Dazey patented features. This saving results in an increased yield of butter, which will pay for Dazey in a very short time.

DESCRIPTION

Motor mounted under base. Gears fully enclosed. Extension cord carried in side rod of Churn.

Motors—Either 110 or 220 volt, alternating current motors of 50 or 60 cycles, single phase, are furnished as standard equipment. All other motors can be furnished special at an extra charge.
No. 1050-M—Churning capacity, 5 gallons.

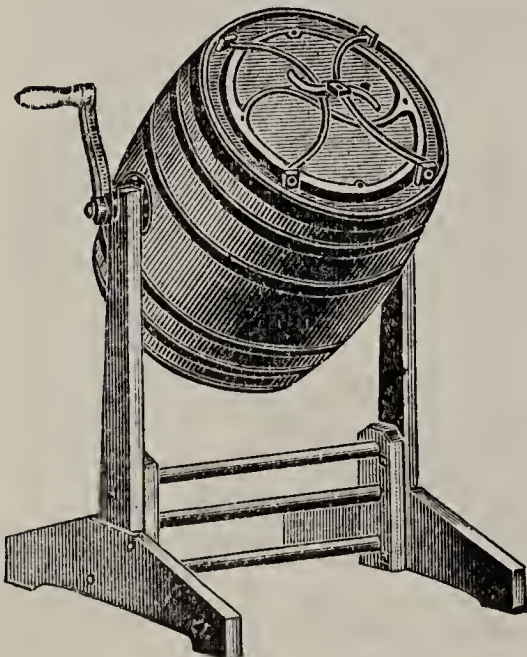
Write for Prices

The Lightning Sanitary CHURN and MIXER

The first and only device of its kind that meets all the requirements of the exacting and up-to-date housewife. As a churn it has no equal, for the small farmer with one cow.

2-qt. size Price, \$2.00 4-qt. size Price, 2.50

BELL CHURN



This churn is made in the most thorough manner of kiln-dried oak. It will last for years. Perfect in construction, and having no parts to get out of order. It fully meets the requirements of large or small dairies.

SIZES

No. 1	
Churns from 1 to 4 gals.	\$ 7.50
No. 2	
Churns from 2 to 7 gals.	8.50
No. 3	
Churns from 3 to 9 gals.	10.25
No. 4	
Churns from 4 to 13 gals.	11.75
No. 5	
Churns from 4 to 16 gals.	13.50



CYLINDER CHURN

A favorite style of churn which has been in use for many years.

No. 1	2-gal. capacity	\$3.75
No. 2	4-gal. capacity	4.50
No. 3	6-gal. capacity	5.25
No. 4	8-gal. capacity	5.75



All prices quoted in this catalogue subject to change without notice.

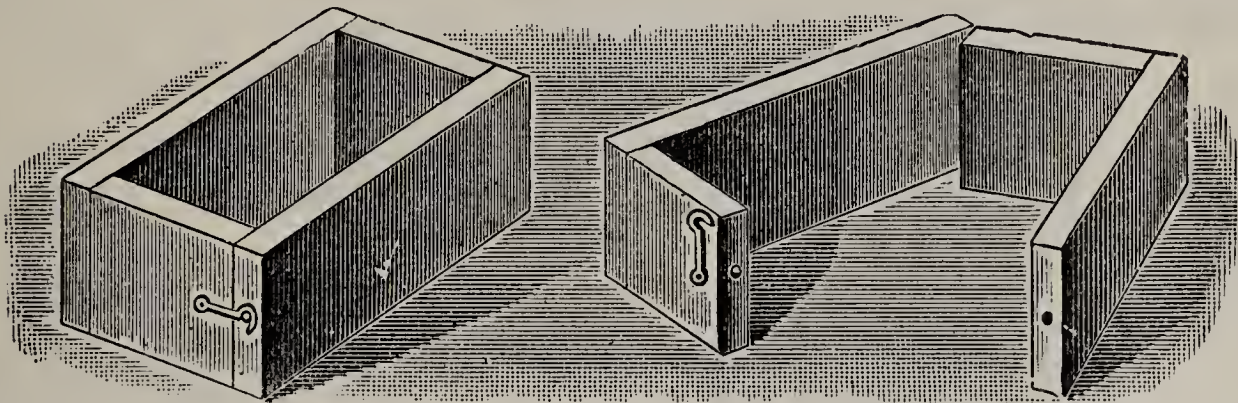
Kalamazoo Brand Parchment BUTTER PAPER

Guaranteed to Contain No Oil, Grease,
Parafine or Wax

Butter will always bring a higher price if wrapped in parchment butter paper, which completely protects it from all injurious odors, preserves the flavor and prevents the print of butter from becoming soiled or damaged in handling.

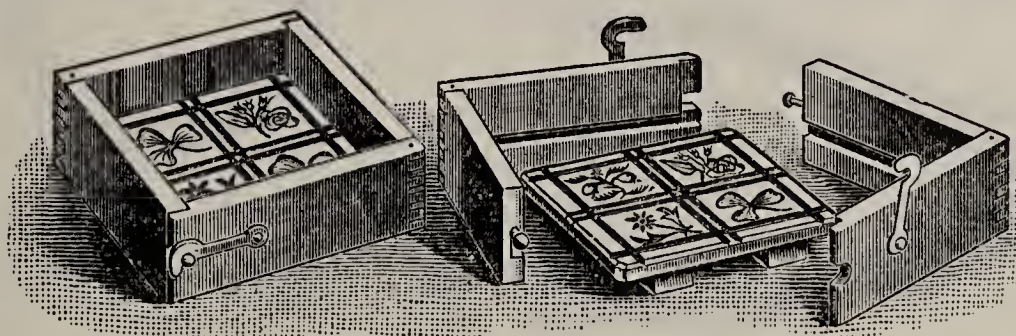
Size 8" x 11"—Plain for Brick Style Mold,
Per lb. 25c
Size 9" x 12"—Plain for Creamery Style
Mold, Per lb. 25c
Size 8" x 11"—Printed, 1,000 Sheets in
Package \$2.00
Size 9" x 12"—Printed, 1,000 Sheets in
Package \$2.25

"SIMPLEX" BUTTER MOLD



This is a favorite style of Butter Mold, being simple, cheap and substantial, and leaves the butter in one of the most convenient forms for handling. Holds one pound of butter. Price, 50c; by mail, 58c.

CREAMERY STYLE BUTTER MOLD



These molds are carefully made of clear white birch and only brass hooks and screws are used throughout, so that there is no possibility of rust and consequent discoloration of the wood. The ornamentation is done by special machinery. Each division on face of mold represents one-quarter pound of butter.

½ Pound, \$.75; by mail, \$.88
1 Pound, 1.00; by mail, 1.10
2 Pound, 1.25; by mail, 1.35

BRUSHES

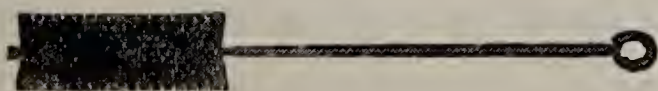
No. 86



No. 61



Tube Brush



No. 86 Bottle Brush, 65c; by mail, 70c.
No. 61 Bottle Brush, 40c; by mail, 45c.

We are in a position to furnish the best kind of brushes for dairy use, and recommend especially our line of can, separator and bottle brushes.

Separator Tube \$.20; by mail, \$.23
Milk Can Brush90; by mail, 1.00

Special prices for large quantities.

All prices quoted in this catalogue subject to change without notice.

Wyandotte Dairymen's CLEANER and CLEANSER

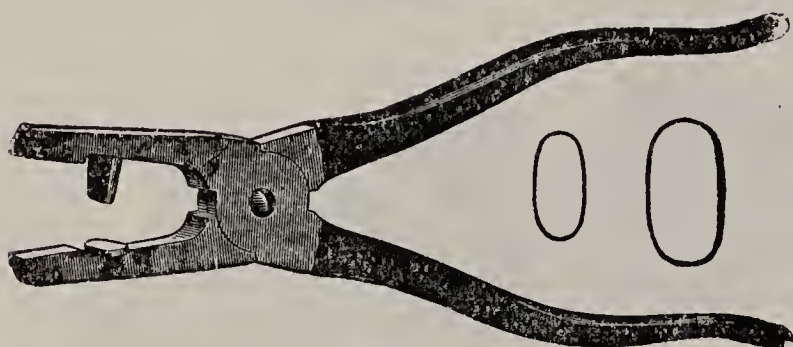
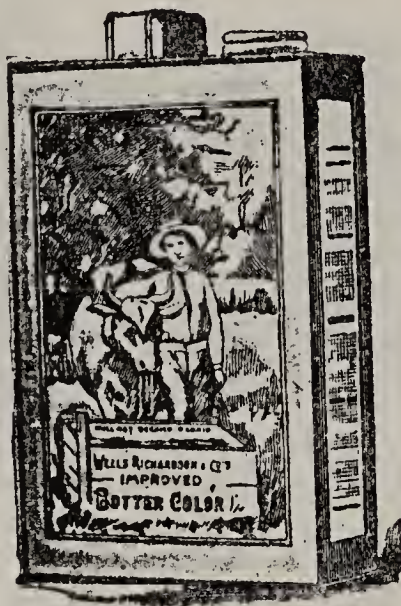
A powder especially compounded for use in the dairy and creamery for washing all dairy utensils, glass, and tinware, in a most satisfactory and sanitary manner. The use of this powder means absolute cleanliness. Price, 5-lb. bags, 50c; by mail, 65c. 80-lb. kegs, \$5.53; 280-lb. barrels, \$14.75.

Dandelion

Brand BUTTER COLOR

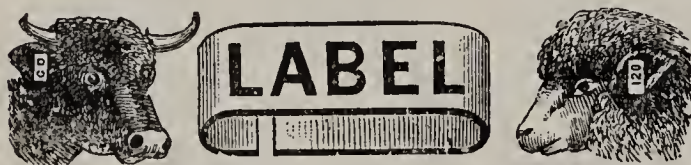
Always
Gives
Satisfaction

Small Size 3 oz. 35c
Medium, 6 oz. 65c
Large, 14 oz. \$1.00
Gallon 5.50



Dana's Stock Label Punches

Made to cut an oval hole the right distance from the edge of the ear, pincers for accurately closing the Label on each Punch. Price, \$2.25; by mail, \$2.35.



STOCK LABELS

For marking, numbering and registering cattle, swine, sheep, goats, etc. Attached to the ear by passing the label through a hole punched in the ear and lapping round the ends of the ear.

Cattle—

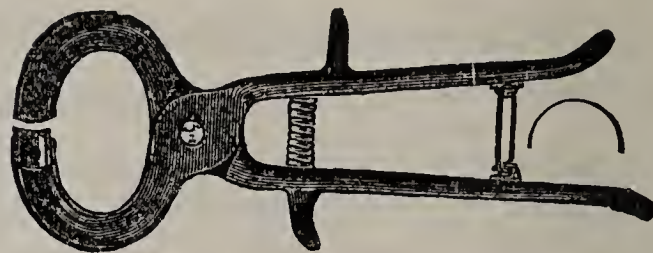
Price per doz., 75c; per 100, \$5.00

Light Cattle—

Price per doz., 60c; per 100, \$3.50

Sheep and Hog—

Price per doz., 50c; per 100, \$2.50

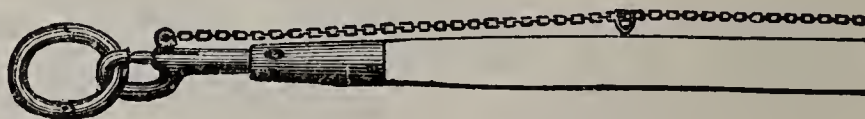


Dana's Bull Nose Punch

To Punch Bulls' Noses for Any Make or Size of Common Hinged Nose Rings

This punch makes ringing bulls easy because the bull is readily held and his nose kept steady all through the job of securing the ring and its screw in place.

Price, \$1.75; by mail, \$1.85.



BULL SNAPS

Complete with chain, no handle, or Ring.

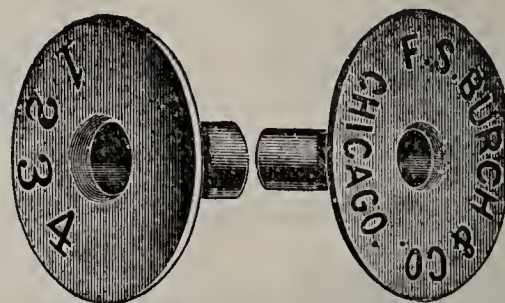
Price \$1.00



BULL RINGS

Polished Copper

No. 20, 2-in. 25c; by mail, 30c
No. 21, 2½-in. 25c; by mail, 30c
No. 22, 3-in. 30c; by mail, 35c
No. 25, 3½-in., Pure Bronze Cannon Metal. \$1.50, by mail \$1.60



IDEAL EAR BUTTONS

For Hogs, Sheep and Cattle

Made of pure hardened aluminum and are very light and durable.

The button consists of two parts that fit into each other, making a double and strong tube.

It cannot be removed without damaging the ear.

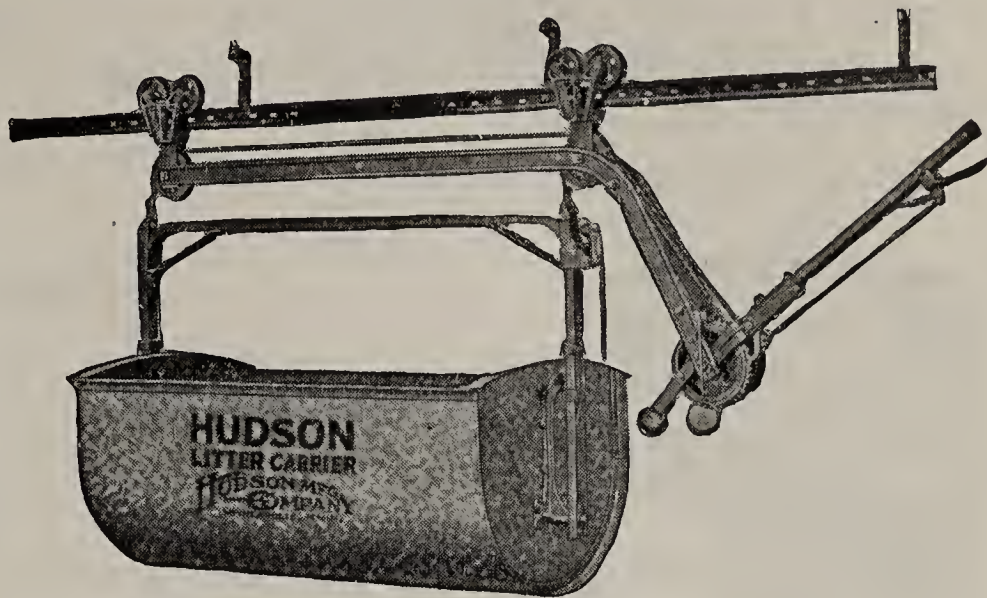
Price per 50, \$2.25; per 100, \$4.00.

All prices quoted in this catalogue subject to change without notice.

Hudson Lever Hoist Litter Carrier

This carrier contains many features not found in any other. It is quickly and easily raised by ratchet and drum worked by a hand lever.

The tub, which locks at both ends, is built of extra heavy galvanized steel, reinforced with angle iron around top and ends, all closely riveted and made watertight. Capacity, 9 bushels. Send for Descriptive Circular and prices.



Gulf Livestock Spray

The same quality—at reduced prices. Thousands of prominent Dairymen, Farmers and Breeders use Gulf Livestock Spray because it's exceptionally effective. It quickly kills flies, lice and ticks; and repels stable flies, horn flies, warble or heel flies, screw worm flies and horse flies all day long—in addition it is odorless and will not contaminate milk.

Features

1. Repels flies all day long.
2. Kills flies, lice and ticks.
3. No Odor. It will not contaminate milk.
4. Harmless to hair and hide. Keeps animals' coats smooth and glossy.
5. Keeps milk production at peak.
6. Is economical to use.

Price 1-gallon cans, \$1.25.



Other Good Makes of Fly Killers

KNOX-EM-ALL FLY OIL	Price 1-gal. cans, \$.90
DR. HESS FLY SPRAY	Price 1-gal. cans, 1.25
CREONOID FLY SPRAY AND LICE KILLER	Price 1-gal. cans, 1.00

Old Hickory Smoked Salt

Cure Meats the Better Way with OLD HICKORY SMOKED SALT.

Old Hickory is the only Curing Salt that is actually smoked with genuine hickory wood smoke.



USE 10 pounds Sugar Cure Smoked Salt to every 100 pounds of Meat.

Sugar Cure	9-pound package, \$1.00
Sugar Cure	2-pound package, .30
Plain	10-pound package, 1.00
Plain	2-pound package, .30

All prices quoted in this catalogue subject to change without notice.

Combined Punch and Pliers

Made especially for adjusting the buttons. Cuts the hole and seals the button absolutely tight.

Price, \$1.75; by mail, \$1.85.



Kow-Kare



This famous tonic and conditioner is designed to meet a definite need in toning up the appetite and stepping up milk production. Thousands of dairymen make a regular practice of feeding Kow-Kare to every freshening cow to aid nature through the normal functions of freshening. Directions for feeding on every package.

Large Size Can\$1.25 each; by mail, \$1.40

Small Size Can65 each; by mail, .75

Grange Compound

Recommended for internal use as an eliminator in conjunction with external application of Bag Balm in treating garget, caked bag and similar udder conditions frequently following calving or resulting from high feeding. Price, 65c; by mail, 75c.

Bag Balm

A soothing and penetrating ointment for caked bag, sore teats, minor cuts, chapping, etc. Equally good for Humans. Price, 60c; by mail, 70c.



Milking Tubes

Self-Retaining

Price, 25c; by mail, 27c.

Dr. Naylor's Medicated Teat Dilators

For Spider, Obstructions, Cut and Bruised Teats, Hard Milkers. Keeps teats open. Promotes healing.

Price per package of 18 \$.50; by mail, \$.60

Price per package of 48 1.00; by mail, 1.10

Garden Barrows

No. 66—Extra Large Size.

No. 65—Large Size.

No. 5—Standard Size.

Write for Prices.



Contractor's Barrows

These Barrows have a deep steel tray and are designed for handling mortar, sand, concrete, etc.

No. 17B—4 cubic feet Capacity.

No. 20 —3½ cubic feet Capacity.

Write for Prices.

Steel Tray Tubular Barrows

These Barrows are designed and constructed for general use, such as conveying mortar, sand, gravel, coal, etc.



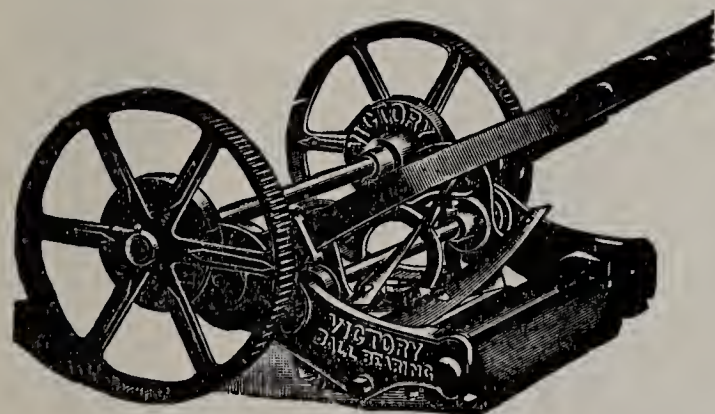
They are securely braced, strong and durable.

No. 236—3 cubic feet Capacity.

No. 262—400 lbs. coal Capacity.

Write for Prices.

“Victory” Lawn Mower



This machine has Ball Bearings of the very highest grade, which reduce the friction astonishingly and render it possible to use much wider machines than heretofore.

Triple gear entirely enclosed, so that no dirt or cut grass can find its way into the pinions and clog them.

The adjustments are the simplest, most perfect, and most positive.

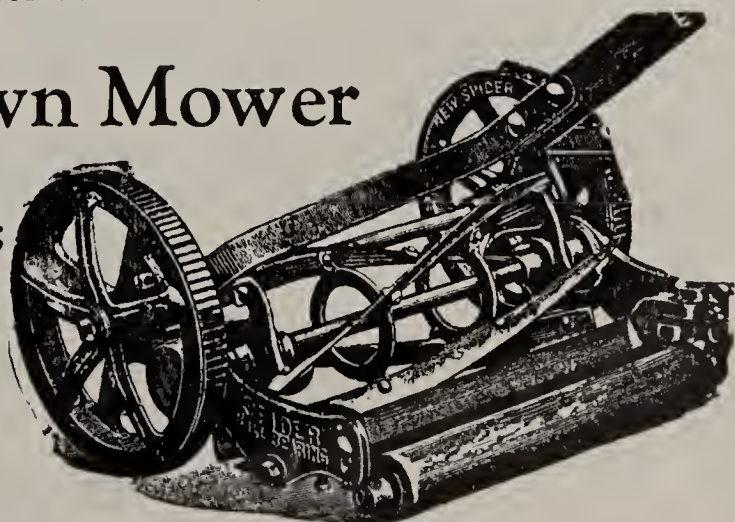
These mowers are high-speeded and have a four-bladed reel, which leaves the lawn with a very smooth and velvety surface.

Width of Cut		Price
14 inches	10-inch wheel	\$13.00
16 inches	10-inch wheel	14.00
18 inches	10-inch wheel	15.00

“Aero” Ball Bearing Lawn Mower

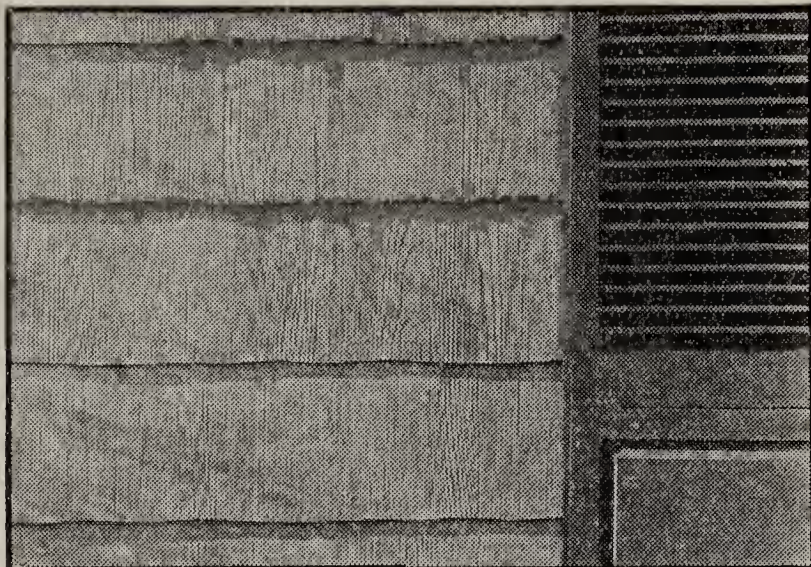
Has four crucible steel blades and 10-inch diameter wheels. Very simple in construction; durable and easy running.

Width of Cut	Price
14 inches	\$6.25
16 inches	6.75
18 inches	7.00



All prices quoted in this catalogue subject to change without notice.

JOHNS-MANVILLE CEDAR GRAIN Asbestos Siding Shingles



These beautiful fireproof shingles faithfully reproduce all the charm and texture of finest wood. Easy to apply. Low in cost. Never require painting.

Johns-Manville Home Insulation

Johns-Manville Full-Thick Rock Wool Home Insulation is the most efficient insulating material for houses. Factory made bats insure uniform density. Cannot settle. Makes houses up to 15° cooler in summer. Saves up to 30% in fuel in winter. Stud thickness bats are 15 in. x 18 in. or 15 in. x 23 in.



JOHNS-MANVILLE ASBESTOS FLEXBOARD

This is a flexible asbestos cement sheet than can be sawed and nailed like wood. It is fireproof and rot-proof and can be installed at a remarkably low cost. Ideal for modern interiors in homes or commercial buildings.

JOHNS-MANVILLE ASBESTOS WAINSCOTING

An asbestos and cement product with a special baked on finish that stands up under all normal conditions of service. Available in tile and marbleized designs and in color panels. Ideal for kitchens, bathrooms, restaurants, etc.

PRICES ON APPLICATION

All prices quoted in this catalogue subject to change without notice.

JOHNS-MANVILLE ROOFINGS

Johns-Manville Asbestos Shingles

Fireproof and permanent. Offer greatest opportunities for roofing profits. A wide range of styles and colors.

Johns-Manville Asphalt Shingles

The Johns-Manville line includes among other styles, square butt strips and individual shingles. Both are made in standard weights in a variety of colors and blends.



Johns-Manville 12 1/2 in. Standard Strip Shingles

A fast-laying, self-spacing, square butt strip shingle. Makes a very attractive, substantial roof. Available in Standard Red, Fieldstone Green, Standard Blue-Black and Brittany Blend.

Provides a 4 in. headlap; exposed 4 in. to weather. 100 strips, 3 bundles per square. Weight, approximately 240 lbs. per square. Underwriters' Class C label.

Johns-Manville Insulating Board for Sheathing

J-M Insulating Board is a spruce fibre board of unusual strength. Because of the truss action from each nail to every other nail it has greater rigidity than wood. This has been proved by tests of Columbia University. Can be applied in 1/3 the time required for diagonal wood sheathing to say nothing of the saving in waste.



Johns-Manville Insulating Lath

This is Insulating Board in 18 in. x 48 in. size with long edges shiplapped and all face edges beveled. Applied with "gridded" surface exposed. Plaster bonds to it with strength far greater than the key of plaster on wood lath. Makes a solid unbroken surface which prevents unsightly lath marks and also saves plaster and labor.

PRICES ON APPLICATION

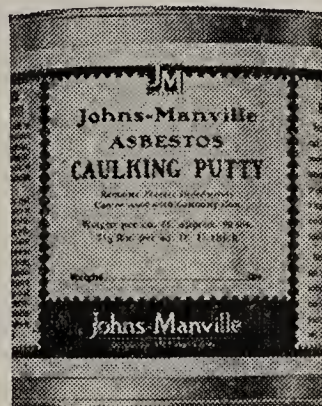
All prices quoted in this catalogue subject to change without notice.

Asphalt Ready Roofings

A line that offers a wide choice of weights, a selection of smooth and slate surfacing and a choice of colors that meet every demand for a quality roof. Low in cost yet durable.



Johns-Manville Roof Coatings, Putties, Cements and Waterproofing Materials



A complete line of repair and waterproofing materials, including roof coatings for the restoring of wood, metal and composition roofs; putties for patching and pointing up roofs and flashings; and waterproofing materials for both founda-

tion and roofing work. Prices on application.

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Farm Machinery and Barn Equipment

Electric Water Systems	Smoothing Harrows	Fruit Presses
Hand and Power Pumps	Wing and Disc Potato Hoes	Dump Rakes
Barn Equipment	Fanning Mills	Lime and Fertilizer Sowers
Stalls and Stanchions	Cement Mixers	Corn Shellers
Water Cups	Corn Planters	Power Sprayers
Walking Cultivators	Potato Planters	Manure Spreaders
Riding Cultivators	Two Way Sulky Plows	
Gasoline Engines	Walking Plows	Circulars and Information
Disc Harrows	Cider Mills	on Above
Spring Tooth Harrows	Lawn Rollers	Furnished on Request

The following is a partial list of merchandise we carry in stock. If the article you want is not listed kindly write us. Prices and descriptions gladly furnished. Call or write R. B. Dunning & Co., Bangor, Me.

Axes	Brushes, Stove	Chimney Tile	Egg Cartons
Axes, Single Bit	Brushes, Window	Chisels, Grafting	Egg Testers
Axes, Double Bit	Brushes, Floor	Chisels, Cold	Egg Preservative
Axes, Hunting	Brushes, Roof	Chopping Bowls	Eggs, Nest
Axes, Boys' Handled	Brushes, Scrub	Churns	Egg Scales
Axes, Ice	Brushes, Sink	Churn Repairs	Electrical Supplies
Axe Stones	Brushes, Milk Bottle	Cider Mills	Engines, Gasoline
Apple Pickers	Brushes, Separator	Cleaner, Wyandotte	Excelsior
Apple Parers	Brushes, Wire	Cleavers	Extinguishers
Axle Grease	Brushes, Can	Clothes Reels	Expansion Joints
Axe Handles	Brass Bright	Clothes Drying Bars	
Augers, Post Hole	Brush Poles	Clothes, Drying Irons	Fanning Mills
Anti Cow Kickers	Buckets, Covered	Clothes Hampers	Faucets, Wood
Alcohol, Denatured	Buckets, Well	Clothes Horses	Feed Cookers
Asbestos Paper	Buckets, Lunch	Clothes Pins	Feed Cutters
Asbestos Board	Bull Leaders	Clothes Sticks	Fence Posts
Asbestos Pipe Covering	Bull Rings	Clothes Lines	Fence Staples
Asbestos Packing	Bull Nose Punches	Coal Hods	Fence Stretchers
	Bull Snaps	Cyanogas	Fence Tools
	Bush Hooks	Condition Powders	Fencing, Lawn and Field
B-K Disinfectant	Butter Boxes	Coolers, Ice Water	Fencing, Snow
Babcock Testers	Butter Color	Corn Planters, horse	Fertilizers
Test Bottles	Butter Dishes	and hand	Fertilizer Sowers
Bag Balm	Butter Ladles	Corn Poppers	Files
Bale Ties	Butter Molds	Corn Shellers	File Handles
Barbed Wire	Butter Paper	Corrosive Sublimate	Fire Brick
Barn Door Fixtures	Butter Spats	Cotton Mops	Fire Clay
Barrel Covers	Butter Tubs	Cotton Waste	Fire Place Throats
Barrel Headers	Butter Workers	Cow Bells	Flit
Barrel Heads	Butter Cartons	Cow Ties	Flour Sieves
Barrows, Garden	Buttons, Stock Ear	Crates, Delivery	Flower Bed Guards
Barrows, Contractors		Crate, Poultry Shipping	Flue Lining
Baskets, Oak	Calcium Chloride	Crates, Milk Bottle	Fly Killers
Baskets, Oxford	Calf Feeders	Cultivators	Fly Sprays
in 1/4, 1/2, 3/4, 1, 1 1/2, 2 Bu.	Calf Weaners	Cultivator Handles	Fly Oil
Baskets, Galvanized	Cans, Ash	Cultivator Teeth	Fly Ribbons
Baskets, Berry	Cans, Jacket	Culverts	Food Choppers
Baskets, Clothes	Cans, Deep Setting	Cupolas	Forks, Hay
Baskets, Wood	Cream	Cups, Sanitary Drinking	Forks, Manure
Baskets, Lunch, Covered	Cans, Garbage	Crow Bars	Forks, Horse
Baskets, Market	Cans, Milk		Formaldehyde
Baskets, Pack	Cans, Oil	Dahlia Stakes	Freezers
Baskets, Wire, Dipping	Cans, Oily Waste	Diarrhoea Remedy	Fruit Jars
Batteries	Cans, Square Syrup	Diggers, Potato, Horse	Fruit Jar Rubbers
Bee Keepers' Supplies	Can Openers	Diggers, Potato, Hand	Fruit Jar Openers
Belting	Cant Dogs	Diggers, Post Hole	Fruit Jar Lifters
Blocks, Hay Fork	Cant Dog Stocks	Dish Mops	Fruit Pressers
Blocks, Tackle	Caponizing Sets	Dog Food	Fuse Plugs
Boilers, Steam	Cards, Cattle	Drain Tile	
Boilers, Heating	Cel-o-Glass	Drag Heads	Garbage Cans
Bowls, Wood	Cement, Portland	Drain Pipe Solvent	Garden Sets
Bowls, Watering	Cement, Asbestos	Dry Measures	Glass, Window
Boxes, Mail, R. F. D.	Cement, Iron	Dusters, Powder	Glass Cloth
Bread Boards	Cement Hardener	Dynamite	Gloves, Cotton
Bread Mixers	Cement Tools	Dust Pans	Glue
Brooms	Chain, Mall Link		Grafting Chisels
Brushes, Paint	Chain, Steel Link	Edgers, Turf	Grafting Wax
Brushes, White Wash	Charcoal	Egg Beaters	Grindstones
Brushes, Kalsomine	Chemical Closets	Egg Cases	Grindstone Fixtures
Brushes, Horse	Closet Chemical	Egg Case Fillers	
Brushes, Counter	Chick Boxes	Egg Carriers	Hair Plastering

Halter Chains	Litter Carriers	Pumps, Wood	Sinks
Hammers, Nail	Lice Killers	Pumps, Electric	Snaths
Hammers, Striking	Lime, Agricultural	Pumps, Iron	Sod Lifters
Hammers, Stone	Lime, Hydrated	Pumps, Chain	Soda, Ash
Handles, Axe	Lime, Lump	Pump, Molasses	Soilter
Handles, Pick Axe		Pumps, Spray	Soot Destroyers
Handles, Plow	Mattocks	Punches	Sowers, Seed
Handles, Hay Fork	Mauls	Putty	Sowers, Lime
Handles, Manure	Measures	Preserving Boilers	Sowers, Fertilizer
Handles, Spading	Meat Choppers	Preserving Boiler Racks	Sponges
Handles, Hoe	Milk Cans		Spoons, Wood
Handles, Shovel	Milk Bottles	Rakes, Hay	Sprayers
Handles, Ice Hook	Milk Bottle Caps	Rakes, Horse	Sprinklers
Harrows and Teeth	Milk Bottle Carriers	Rakes, Garden	Stanchions
Haying Tools	Milk Bottle Fillers	Rakes, Cranberry	Stalls
Harness Hooks	Milk Strainers	Rakes, Blueberry	Steels, Butcher
Hay Knives	Milk Strainer Disks	Rake Teeth	Steel Wool
Heatilators	Milk Testers	Rat Traps	Stock Food
Hoes, Horse	Milk Coolers	Rat Poison	Stock Labels
Hoes, Hand	Milk Fever Outfits	Refrigerators	Stoneware
Hoes, Wheel	Milking Tubes	Road Machine Blades	Stoves, Oil
Hog Rings	Molds, Butter	Road Machine Bolts	Stove Lining
Hog Wringers	Mops	Rolling Pins	Sulphur
Hog Scrapers	Mop Sticks	Roofing	Sulphate Iron
Hooks, Grass	Moss, Peat	Rope	Sulphate Ammonia
Hooks, Ladder	Motors, Electric	Rope Hitches	Sweeping Compound
Hooks, Ice	Mixers, Cement	Root Cutters	
Hooks, Pulp		Rubbish Burners	Teat Dilators
Hooks, Bush	Nails		Tea Kettles
Horse Cards	Nitrate Soda	Sap Spouts	Tedders
Horse Rakes	Nitragin	Saws, Buck	Test Bottles
Hose, Garden		Saws, Butcher	Thermometers
Hose Repairs	O'Cedar Polish	Saw Blades	Tie Chains
Hose Reels	O'Cedar Mops	Saw Frames	Tobacco Dust
Hot Caps	Oils	Saw Mandrills	Towel Rolls
	Oilers	Saw Jointers	Traps, Rat
Ice Chisels	Oil Cans	Saw Sets	Traps, Mouse
Ice Cream Dishers	Ox Balls	Saw Stretchers	Tree Tags
Ice Picks	Ox Muzzles	Saw Horses	Trowels, Garden
Ice Plows	Oyster Shell	Saws, Circular	Trowels, Mason
Ice Saws		Saws, Ice	Trucks
Ice Tongs	Padlocks	Saws, Pruning	Tubs, Galvanized
Insecticides	Paints and	Saws, Slide and Table	Tubs, Wood
Ironing Tables	Paper Hangers'	Saws, Tip Table	Turf Edgers
	Tools and Supplies	Scales, Platform	Twine Binder
Jars, Meat	Pads, Sweat	Scale Beams	Twine, Wool
Jelly Tumblers	Pads, Strainer	Scales, Family	Twine, Cotton
	Pails, Galvanized	Scales, Milk	
Kamp Kooks	Pails, Wood	Scales, Meat	Vitriol
Kegs	Paper, Butter	Scales, Ice	Vises
Kettles, Tea	Paper, Mulching	Scoops, Tin	
Knife Grinders	Paper, Tarred	Scoops, Aluminum	Wagons, Boys
Knife Sharpeners	Paper, Sand	Scoops, Brass	Wall Board
Knife, Asparagus	Paper, Wrapping	Scrapers, Road	Washboards
Knife, Butcher	Paper, Asbestos	Scrapers, Stable	Wash Benches
Knife, Boning	Parowax	Scrapers, Meat Block	Wash Boilers
Knife, Chopping	Patching Plaster	Screen, Gravel	Washing Machines
Knife, Corn	Pick Axes	Scythes, Grass	Water Bottles
Knife, Paring	Pipe	Scythes, Bush	Water Coolers
Knife, Pruning	Pipe Fittings	Scythe Rifles	Water Glass
	Plant Stakes	Scythe Stones	Wax, Floor
Ladders	Planters, Corn	Sections	Weeders
Ladders, Step	Planters, Potato	Section Rivets	Weed Killers
Ladder Hooks	Plaster, Land	Separators	Wedges, Axe
Ladder Locks	Plaster, Calcined	Sewer Pipe	Wedges, Saw
Lamp Burners	Plaster, Pulp	Shears, Grass	Wedges, Truckee
Lamp Chimneys	Plaster Gypsum	Shears, Hedge	Well Buckets
Lamp Wicks	Pliers	Shears, Pruning	Wheel Hose
Lamps, Electric	Plows, Walking	Shears, Sheep	Wicks
Land Rollers	Plows, Sulky	Shears, Paper Hangers'	Wicking
Lanterns	Plows, Ice	Shellac	Window Screening, Wire
Lantern Globes	Plow Bolts	Shingles	Window Boxes
Lawn Mowers	Plow Handles	Shovels	Wine Presses
Lawn Rollers	Plumbing Supplies	Sieves, Flour	Worm Powder
Lawn Settees	Poles, Bamboo	Sifters, Ash	Wrapping Paper
Lawn Swings	Poles, Window Brush	Sleds, Hand	Wrenches
Lawn Trimmer	Potato Diggers	Sleighs, Baby	Wringers
Lawn Sprinklers	Pruners	Smoked Salt	Window Glass, all sizes
Leg Bands			

Form S26-Burr 30-50M

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VIGORO

Complete plant food



For Beautiful Lawns and Gardens

All plants require a complete, balanced diet for full growth and beauty. The best seed or plants will not produce good results if grown in a soil which is deficient in any one of the many necessary food elements.

For velvety-green lawns with deep, extensive roots; large, beautiful flowers; luxuriantly foliaged shrubs and trees; and early, delicious vegetables, feed them Vigoro, the complete, scientifically balanced food for all plants, and you may be sure your plants have all the nourishment they need.

Vigoro is easy to use and economical. Simple directions for feeding everything you grow accompany each bag or package. We recommend it.

*The square meal
for lawns is
4 lbs of Vigoro
per 100 sq ft.*

VIGORO SPREADERS

Special Size	\$16.25
Standard Size	10.45
Junior Size	5.95
Little Size	1.95

VIGORO

100-pound bag	\$4.50
50-pound bag	2.75
25-pound bag	1.60
10-pound box .....	.85
5-pound box .....	.50
1-pound box .....	.10



The Vigoro Spreader applies Vigoro, grass seed, and other materials evenly and accurately. Write for prices and full description.



Sewer Pipe Flue Lining
 Chimney Tile Fire Clay, Fire Brick
 High Temperature and
 Asbestos Cement
 Gypsum Plaster Finishing Lime
 Calcine Plaster Roofing



Electrical Supplies and Radios
 Plumbing—Heating
 Steam Fitting Supplies
 Atlas Portland Cement
 Masury Paints and Varnishes
 Painters—Paper Hangers Supplies
 Dusting and Spraying Lime